J. Barnie Beasley, Jr., P.E.

Vice President

**Southern Nuclear** Operating Company, Inc.

40 Inverness Center Parkway Post Office Box 1295 Birmingham, Alabama 35201

Tel 205.992.7110 Fax 205.992.0341



Energy to Serve Your World®

NL-03-1556

July 25, 2003

Docket No.: 50-348

U. S. Nuclear Regulatory Commission ATTN: Document Control Desk Washington, D. C. 20555-0001

> Joseph M. Farley Nuclear Plant **Inservice Inspection Summary Report**

#### Ladies and Gentlemen:

Southern Nuclear Operating Company (SNC) submits herewith the Farley Nuclear Plant Unit 1, Interval 3, Period 2, Outage 2 Inservice Inspection Summary Report (Enclosure). This report describes and summarizes the inservice inspection activities performed during the Unit 1 Spring 2003 maintenance/refueling outage. Paragraph IWA-6230 of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, 1989 Edition requires submittal of the enclosed report.

The supporting inservice inspection documentation, e.g., examination plans and schedules, examination results and reports, examination methods and procedures, evaluation results, and corrective action and repairs, is available for review upon request at Farley Nuclear Plant.

The Unit 1 steam generator tube inspector report (Technical Specifications 5.6.10.b) is not being submitted for this outage period. The inspection was not required to be performed during this outage period, based on NRC approval of an amended inspection period (Accession Number: ML022340746).

This letter contains no NRC commitments. If you have any questions, please advise.

Sincerely.

JBB/JLS/sdl

**Enclosure:** FNP Interval 3, Period 2, Outage 2 Inservice Inspection Report Tabs A, B,

C, and D

U. S. Nuclear Regulatory Commission NL-03-1556 Page 2

### cc: Southern Nuclear Operating Company

Mr. J. D. Woodard, Executive Vice President w/o Enclosure Mr. L. M. Stinson, General Manager - Farley w/o Enclosure Mr. D. E. Grissette, General Manager - Plant Farley w/o Enclosure

Document Services RTYPE: CFA04.054; LC# 13817

### U. S. Nuclear Regulatory Commission

Mr. L. A. Reyes, Regional Administrator

Mr. F. Rinaldi, NRR Project Manager - Farley

Mr. T. P. Johnson, Senior Resident Inspector - Farley

### Joseph M. Farley Nuclear Plant Inservice Inspection Summary Report

### **Enclosure**

FNP Interval 3, Period 2, Outage 2 Inservice Inspection Report Tabs A, B, C, and D

### Inservice Inspection Report Tabs A, B, C, and D

### **Refueling Outage 18**

Interval 3 Period 2 Outage 2

Joseph M. Farley Nuclear Plant – Unit 1 Nuclear Generating Plant Columbia, Alabama 36319 Commercial Service Date: December 1, 1977

Southern Nuclear Operating Company 40 Inverness Parkway Birmingham, Alabama 35242 Joseph M. Farley Nuclear Plant – Unit 1 Interval 3, Period 2, Outage 2 Inservice Inspection Report

### Tab A

# FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules

| •  | Southern Nuclear Operating Co. 40 Inverness Center Parkway,                                       |   |
|----|---|---|
| 1. | Owner Birmingham, Al 35242 (as agent for Alabama Power Co.) (Name and Address of Owner)           | _ |
| 2. | Plant J. M. Farley Nuclear Plant, Hwy 95 South, Columbia, Al. 36319 (Name and Address of Plant)   | _ |
| 3. | Plant Unit 1 4. Owner Certificate of Authorization (if required) N/A                              | _ |
| 5. | Commercial Service 12/01/77 6. National Board Number for Unit See Listed N. B. for each component | _ |
| 7  | Components Inspected  |   |

### 7. Components Inspected

| Component or<br>Appurtenance | Manufacturer<br>or Installer | Manufacturer<br>or Installer<br>Serial No. | State or<br>Province No. | National<br>Board No. |
|------------------------------|------------------------------|--|--------------------------|-----------------------|
| Reactor Vessel<br>Internals  | Westinghouse<br>Pensacola    | ALA-RCRIUI                                 | N/A                      | N/A                   |
| Reactor Coolant Piping       | Southwest<br>Fabricating     | N/A  | N/A                      | N/A                   |
| Pressurizer                  | Westinghouse<br>Tampa        | 1431                                       | . N/A                    | 68-103                |
| Reactor Coolant<br>Pumps C   | Westinghouse<br>EMD          | RCPCP1-3                                   | N/A                      | N/A                   |
| Class 1 Piping               | Daniel<br>Construction       | N/A  | N/A                      | N/A                   |
| Class 2 Piping               | Daniel<br>Construction       | N/A  | N/A                      | N/A                   |
|                              |                              |  |                          |                       |

Note: Supplemental sheets in the form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

### FORM NIS-1

| 8.  | Examination Dates <u>11/17/01</u> to <u>04/29/03</u>  |
|---|---|
| 9.  | Inspection Period Identification: Second Period 04/01/01 to 08/01/04  |
| 10.   | Inspection Interval Identification: Third Interval 12/01/97 to 12/01/07   |
| 11.   | Applicable Edition of Section XI 1989 Addenda None Subsections IWE and IWL 1992 Addenda 1992  |
| 12.   | Date/Revision of Inspection Plan: FNP-1-M-097; 05/06/02; Revision 3   |
| 13.   | Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. See Tabs B and C   |
| 14.   | Abstract of Results of Examinations and Tests. See Tab B  |
| 15.   | Abstract of Corrective Measures. See Tab B  |
| Inspecti  | ify that a) the statements made in this report are correct, b) the examinations and tests meet the on Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to s of the ASME Code, Section XI.  |
| Certifica                                       | ate of Authorization No. (if applicable) N/A Expiration Date N/A  |
| Date_7  | //3 2003 Signed Southern Nuclear Operating Co. By (Owner)   |
|   | CERTIFICATE OF INSERVICE INSPECTION   |
| Inspecto<br>inspecte<br>and state<br>corrective | and employed by HSB-CT of Hartford, Connecticut have defined the components described in this Owner's Report during the period 2/16/63 to 2/21/63 to that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken we measures described in this Owner's Report in accordance with the Inspection Plan and as required by the Code, Section XI. |
| the Inspany kind                                | igning this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, ing the examinations, tests, and corrective measures described in this Owner's Report. Furthermore, neither ector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of arising from or connected with this inspection.       |
| Man   | Les flored Commissions 6-A 328 INA  |
| Inspecto  | r's Signature National Board, State, Province, and Endorsements   |
| Date  | 7/2) 20 <u>03</u>   |

### OWNER'S REPORT FOR INSERVICE INSPECTION

DATE:

07/18/03

**OWNER NAME AND ADDRESS:** 

Southern Nuclear Operating Co.

40 Inverness Parkway Birmingham, Al 35242

(as agent for Alabama Power Co.)

NAME AND ADDRESS OF

**NUCLEAR GENERATING PLANT:** 

Joseph M. Farley Nuclear Plant

Highway 95 South

Columbia, Alabama 36319

NAME ASSIGNED TO NUCLEAR

**POWER UNIT:** 

Joseph M. Farley Nuclear Plant

Unit 1

OWNER CERTIFICATE OF

**AUTHORIZATION:** 

N/A

**COMMERCIAL SERVICE DATE:** 

December 1, 1977

**NATIONAL BOARD NUMBER:** 

See listed NB's for each component

NAME OF COMPONENTS OR PARTS OF

**COMPONENTS INVOLVED:** 

Representative samples of the following components and systems were examined using nondestructive

examination techniques.

### CLASS 1

| COMPONENT OR SYSTEM                   | SYSTEM<br>DESIGNATION | ALA SKETCH                             |
|---------------------------------------|-----------------------|--|
| Reactor Vessel Upper Internals        | B12                   | 1-1200                                 |
| Reactor Coolant System                | B13                   | 1-4200, 1-4205                         |
| Reactor Coolant Pump                  | B41                   | 1-5100B, 1-5300                        |
| Pressurizer                           | B31                   | 1-2100, 1-2100A                        |
| Safety Injection System               | E21                   | 1-4202, 1-4203, 1-4204, 1-4208, 1-4209 |
| Chemical and Volume Control<br>System | E21                   | 1-4207                                 |

### **CLASS 2**

| COMPONENT OR SYSTEM                | SYSTEM<br>DESIGNATION | ALA SKETCH   |
|------------------------------------|-----------------------|--|
| Main Steam System                  | N11                   | 2-4200, 2-4201, 2-4500   |
| RHR System                         | E11                   | 2-4501, 2-4502, 2-4504, 2-4506, 2-4514, 2-4515, 2-4517, 2-4518                                       |
| Feedwater System                   | N21                   | 2-4150, 2-4250, 2-4350   |
| Chemical and Volume Control System | E21                   | 2-4513, 2-4602, 2-4603, 2-4604, 2-4605   |
| Safety Injection System            | E21                   | 2-4524, 2-4526, 2-4527, 2-4532, 2-4609,<br>2-4610, 2-4612, 2-4616, 2-4617, 2-4625,<br>2-4632, 2-4635 |
|                                    |                       |  |
|                                    |                       |  |

**HYDROSTATIC TESTING:** 

SEE TAB B

### NAME AND ADDRESS OF MANUFACTURER OR INSTALLER OF COMPONENTS:

| REACTOR VESSEL INTERALS           | REACTOR COOLANT PIPING                      |
|-----------------------------------|---|
| Westinghouse Electric Corporation | Southwest Fabricating and Welding Co., Inc. |
| Pensacola Division                | Houston, Texas                              |
| Pensacola, Florida                |   |
| PRESSURIZER                       | REACTOR COOLANT PUMP C                      |
| Westinghouse Electric Corporation | Westinghouse Electric Corporation           |
| Tampa Division                    | Electro Mechanical Division                 |
| Tampa, Florida                    | Cheswick, Pennsylvania                      |
| CLASS 1 & 2 PIPING                |   |
| Daniel Construction Co.           |   |
| Greenville, South Carolina        |   |

**INSERVICE INSPECTION DATES:** 

11/17/01 TO 04/29/03

NAME OF AUTHORIZED NUCLEAR INSPECTOR:

Charles G. Ward

NAME AND MAILING ADDRESS OF INSPECTOR'S EMPLOYER:

Hartford Steam Boiler Inspection and Insurance Company of Connecticut

One State Street Hartford, CT. 06103

ABSTRACT: SEE TABS B AND C

Joseph M. Farley Nuclear Plant – Unit 1 Interval 3, Period 2, Outage 2 Inservice Inspection Report

Tab B

# J. M. FARLEY NUCLEAR PLANT UNIT NO 1 INTERVAL 3 PERIOD 2 OUTAGE 2 BALANCE OF PLANT/REACTOR VESSEL EXAMINATION SUMMARY

### INTRODUCTION

An Inservice examination of Class 1 and 2 components and piping systems was conducted at Farley Nuclear Plant Unit 1 during March and April 2003. The examinations were performed in accordance with an approved Examination Program Plan located under Tab C of this report. The primary areas of examination included the Reactor Vessel upper internals, RCS Piping, RHR/CVCS Piping and supports and Main Steam/Main Feedwater Piping and supports.

The program utilized ultrasonic, surface and visual nondestructive testing methods in accordance with the requirements of ASME Section XI 1989 Edition and Technical Specifications 5.5.7, 5.5.8 and 5.5.16.

Also included is a summary of the results of Containment examinations performed in accordance with ASME Section XI 1992 Edition with the 1992 Addenda of Subsections IWE and IWL.

Selected examinations and related activities were witnessed by representatives of Southern Nuclear Operating Company and its Authorized Inspection Agency. All examinations were performed to the extent practical within geometric and physical limitations.

### **RESULTS**

Examinations resulted in recordable indication areas being noted on the basis of procedure recording criteria, which generally are more conservative than specified in the ASME Section XI Acceptance Standards. Indications were evaluated and dispositioned by Indication Evaluation Reports (IER's). A listing of IER's is attached and the data sheets are available at FNP for review. The results are summarized below.

### **SUMMARY OF INDICATIONS**

### CLASS 1

### (A) VOLUMETRIC EXAMINATIONS

• There were five (5) Class 1 Volumetric indications. All of the indications were dispositioned as root geometry and found acceptable.

### (B) SURFACE EXAMINATIONS

• There was one (1) Class 1 Surface indication. The indication was dispositioned as being within the applicable Code limits and therefore acceptable.

### (C) VISUAL EXAMINATIONS

- There were twelve (12) valves and two (2) flow orifices noted with various degrees of boron accumulation, mainly on the bolted connection. In each case the boron was removed and either an evaluation or a re-examination found each one acceptable.
- Five (5) visual indications associated with piping supports, four (4) for loose bolting and one (1) for a spring can setting were also noted. The loose bolting in each case was tightened and the spring can setting was evaluated as acceptable.

### CLASS 2

### (A) VOLUMETRIC EXAMINATIONS

• There were fourteen (14) Class 2 Volumetric indications. All of the indications were dispositioned as root geometry and found acceptable.

### (B) SURFACE EXAMINATIONS

• There were three (3) Class 2 Surface indications. Each was removed by surface prepping (buffing). A re-examination of each item was acceptable.

### (C) VISUAL EXAMINATIONS

There were no Class 2 Visual indications.

### **IWE/IWL EXAMINATIONS**

• A visual examination of the Unit 1 pre-stressing system was performed during August, 2002. The tendon sample consisted of three (3) hoop, three (3) dome and three (3) vertical tendons. The sheathing filler material for each tendon was sampled and showed no signs of free water. Also the chemical analysis revealed there was no water in excess of 10% by weight in any sample. For two (2) hoop tendons, H13CA and H41AB, the absolute difference between the amount of filler removed and that replaced exceeded 10% of the net duct volume by a small amount (4 gallons and 1 gallon respectively). There was no evidence of excessive leakage and no signs of abnormal corrosion for these tendons. Visual inspection of the containment concrete revealed no evidence of any abnormal structural degradation. The attached table is an excerpt from the tendon inspection report listing the findings for the concrete examinations. The complete inspection report is available at FNP for review.

### **AUGMENTED EXAMINATIONS**

- Augmented surface examinations were performed on the C Reactor Coolant Pump Flywheel.
   No indications were identified.
- Augmented volumetric examinations were performed on fifty-eight (58) welds on the B loop main steam line. Seven (7) indications were identified during the examinations. Four (4) were dispositioned as root geometry and found acceptable. Three (3) of the indications were dispositioned as being within the applicable Code limits and therefore acceptable.
- An augmented surface examination was performed on one (1) main steam line weld. No indications were identified.

### ADDITIONAL EXAMINATIONS

Results from additional examinations which were performed during this outage are as follows:

### • Class 1 System Leakage Test

In accordance with ASME Section XI 1989 Edition IWB-5210(a)(1), leak testing of the Class 1 Reactor Coolant System Pressure Boundary was performed prior to startup following the 18th refueling outage. The testing was completed by plant personnel on 04/29/03. A copy of the completed test procedure FNP-1-SOP-1.4 is retained by the Farley Nuclear Plant Document Control.

In addition, to meet the 1989 Section XI IWA-5242(a) requirement for removal of insulation from bolted connections in "systems borated for the purpose of controlling reactivity" the alternative exam requirements of Relief Request RR-27 were used. This Relief Request allowed the insulation to be removed and the bolted connection to be examined for evidence of leakage at static conditions. If evidence of leakage affecting the bolting was apparent the bolting was removed and examined per IWA-5250(2).

### Class 1 and 2 Hydrotesting

No hydrostatic testing was performed during the 18th refueling outage to meet requirements of the current inspection interval.

### Class 2 Functional/Inservice Testing

Class 2 functional testing performed during the 18th refueling outage included portions of the RHR, Containment Spray, Safety Injection and Charging systems. Data sheets are contained in procedure FNP-1-STP-156.1 and are filed in FNP Document Control.

#### Class MC Examinations

Following replacement of the fuel transfer tube blind flange new gaskets were installed and examined per WO 689738. An acceptable final local leak rate test (LLRT) was also performed on the flange. These actions were performed in accordance with the requirements of Relief Request RR-31.

### STATUS OF EXAMINATIONS REQUIRED FOR CURRENT INTERVAL

This refueling was the 2nd outage, 2nd period of the current interval and the examinations completed to date represent 100 % of the required examinations of the Class 1 and 2 scope for the current period except for ASME Categories C-A and C-B. A sufficient number of examinations required by these categories will be performed during the next (RF 19) outage and credited for the second ISI period to fully satisfy the ASME requirements. Approximately 62% of the total examinations required for the current interval have been completed.

| DRAWING                               | IDENTIFICATION  | VOLUMETRIC | SURFACE     | VISUAL | IER             |
|---------------------------------------|-----------------|------------|-------------|--------|-----------------|
| ALA1-1200                             | Upper Internals |            |             | NI     | 7               |
| ALA1-2100                             | 3               | NI         |             |        |                 |
|                                       | 7               | NI         |             |        |                 |
|                                       | 14              | NI         | NRI         |        |                 |
|                                       | 14IR            | NI         |             |        |                 |
| ALA1-4200                             | 3               | RI         | NRI         | -      | 040             |
|                                       | 4R              | RI         | NRI         |        | 041             |
|                                       | 5R              | RI         | NRI         |        | 042             |
|                                       | 15BC            | NRI        | NI          |        |                 |
| ALA1-4202                             | 1               | NRI        | NRI         |        |                 |
|                                       | 2               | NRI        | NRI         |        |                 |
|                                       | 3               | NRI        | NRI         |        |                 |
|                                       | 4               | NRI        | NRI         |        |                 |
|                                       | 5               | NRI        | NRI         |        |                 |
|                                       | SI-R158         |            |             | RI     | 034             |
| ALA1-4203                             | 12              |            | NRI         |        |                 |
|                                       | 13              |            | NRI         | _      |                 |
|                                       | 14              |            | NRI         |        |                 |
|                                       | 15              |            | NRI         |        |                 |
|                                       | SI-A14          |            |             | RI     | 029             |
|                                       | SI-R180         |            |             | NI     |                 |
|                                       | SI-R215         |            |             | NI     |                 |
| ALA1-4204                             | 1               | NRI        | NRI         |        |                 |
|                                       | 2               | NRI        | NRI         |        |                 |
|                                       | 3               | NRI        | NRI         |        |                 |
|                                       | 4               | RI         | NRI         | -      | 044             |
|                                       | 5               | RI         | NRI         |        | 045             |
|                                       | 6               | NRI        | NRI         |        |                 |
|                                       | 7               | NRI        | NRI         |        |                 |
|                                       | 27              |            | NI          |        |                 |
|                                       | 28              |            | NI          |        |                 |
|                                       | 29              |            | NI          |        |                 |
|                                       | 30              |            | NI          |        |                 |
|                                       | 31              |            | NI          |        | <u> </u>        |
|                                       | SI-R239         |            |             | NI     | 4               |
|                                       | SI-R240         |            |             | NI     |                 |
|                                       | SI-R242         |            |             | RI     | Snubber Deleted |
| · · · · · · · · · · · · · · · · · · · | SI-R248         |            |             | NI     | <del> </del>    |
|                                       | SI-R248(W8)     |            | RI          |        | 027             |
|                                       | SI-R249         |            |             | NI     |                 |
|                                       | SI-R252         |            |             | NI     | <u> </u>        |
| ALA1-4205                             | 4               | NRI        | NI          |        |                 |
|                                       | RC-R8           |            |             | NI     | <del> </del>    |
|                                       | RC-R10          |            |             | RI     | 051             |
|                                       | RC-R18          |            |             | NI     | <b>-</b>        |
|                                       | RC-R20          |            |             | NI     | <del></del>     |
|                                       | RC-R20(W4)      |            | NRI         |        |                 |
| <u> </u>                              | RC-R26          |            | ··· <u></u> | NI     | <u> </u>        |
|                                       | RC-R32          |            |             | NI     | <del> </del>    |
| ]                                     | RC-R237         |            |             | NI     | 1               |

| DRAWING                                 | IDENTIFICATION | VOLUMETRIC | SURFACE | VISUAL      | IER         |
|---|----------------|------------|---------|-------------|-------------|
| ALA1-4207                               | CVCS-R508      |            |         | NI          | 1           |
|   | CVCS-R514      |            |         | RI          | 050         |
|   | CVCS-R515      |            |         | NI          |             |
| ALA1-4208                               | 1BC            |            | NRI     |             |             |
| <del></del>                             | 2              |            | NRI     |             |             |
|   | 3              |            | NRI     |             |             |
|   | 4              |            | NRI     |             |             |
|   | SS-4023        |            |         | NI          |             |
| ALA1-4209                               | SS-5688        |            |         | RI          | 028         |
| ALA1-5300                               | FW1            |            | NI*     |             |             |
| ALA2-4150                               | FW-R45         |            |         | NI          |             |
| ALA2-4200                               | 10             | RI         | NI      |             | 037         |
| ······································  | MS4-H10        |            |         | RI          | Acceptable  |
|   | MS4-H10(W4)    |            | NI      |             |             |
| ALA2-4201                               | 1              | RI*        |         |             | 043         |
|   | 1L1            | NRI*       |         |             |             |
|   | 2              | NRI        | NI      |             | i           |
|   | 2L1            | NRI*       |         |             |             |
|   | 3              | NRI*       |         |             | i           |
| <del>-</del>                            | 3L1            | NRI*       |         |             |             |
| · · · · · · · · · · · · · · · · · · ·   | 4              | NRI*       |         |             | <del></del> |
|   | 4L1            | NRI*       |         |             | i           |
|   | 5              | NRI        | NI      |             |             |
|   | 5L1            | NRI*       | i       |             |             |
|   | 7              | NRI*       |         |             |             |
| - · · · · · · · · · · · · · · · · · · · | 7L1            | NRI*       |         |             |             |
|   | 8              |            | NI*     | NI          |             |
|   | 9              | RI*        |         |             | 046         |
|   | 9L1            | NI*        |         |             |             |
|   | 10             | RI*        |         | -           | 049         |
|   | 11BC           | NRI*       |         |             |             |
|   | 12BC           | NRI*       |         | ·           |             |
|   | 13BC           | NRI*       |         |             |             |
|   | 14BC           | NRI*       |         | <del></del> |             |
|   | 15BC           | NRI*       |         |             |             |
|   | 16             | NRI*       |         |             |             |
|   | 17             | NRI*       |         |             |             |
|   | 18             | NRI*       |         |             |             |
|   | 19             | NRI        | NI      |             |             |
|   | 20             | NRI*       |         |             |             |
|   | 21BC           | RI*        |         |             | 047         |
|   | 22             | NRI*       |         |             |             |
|   | 23             | NRI*       |         |             |             |
|   | 24             | NRI*       |         |             |             |
|   | 25             | NRI*       |         |             |             |
|   | 26BC           | RI*        | NI      |             | 048         |
|   | 27             | NRI*       |         |             |             |
|   | 28             | NRI*       |         |             |             |
|   | 29             | NRI*       | · i     | ·           |             |

<sup>\*</sup>Augmented examination

| DRAWING   | IDENTIFICATION | VOLUMETRIC | SURFACE | VISUAL | IER                                   |
|-----------|----------------|------------|---------|--------|---------------------------------------|
| ALA2-4201 | 30             | NRI        | NI      |        |                                       |
|           | 31             | NRI*       |         | 1      |                                       |
|           | 32             | NRI*       |         |        |                                       |
|           | 33             | NRI*       |         |        |                                       |
|           | 34             | NRI*       |         |        |                                       |
|           | 35             | NRI        | NI      |        |                                       |
|           | 36             | NRI*       |         |        |                                       |
|           | 36L1           | NRI*       |         |        |                                       |
|           | MS-R81         |            |         | NI     |                                       |
| ALA2-4250 | · FW-H8        |            |         | NI     |                                       |
|           | FW-H8(W2)      |            | NI      |        |                                       |
|           | AFW-R59        |            |         | NI     |                                       |
| ALA2-4350 | SCS-H708       |            |         | NI_    |                                       |
| ALA2-4500 | 4              | NRI*       |         |        |                                       |
|           | 4L1            | NRI*       |         |        |                                       |
|           | 5              | NRI*       |         |        |                                       |
|           | 5L1            | NRI*       |         |        |                                       |
|           | 14             | NI*        |         |        |                                       |
|           | 14L1           | NI*        |         |        |                                       |
|           | 15             | NI*        |         |        |                                       |
|           | 15L1           | NI*        |         |        |                                       |
|           | 16             | RI*        |         |        | 039                                   |
|           | 16L1           | RI*        |         |        | 038                                   |
|           | 17             | NI*        |         |        |                                       |
|           | 17L1           | NI*        | _       |        |                                       |
|           | 18             | NI*        |         |        |                                       |
|           | 30BC           | NRI*       |         |        |                                       |
|           | 31BC           | NI*        |         |        |                                       |
|           | 32             | NRI*       |         |        |                                       |
|           | 33             | NRI*       |         |        |                                       |
|           | 34             | NRI*       |         |        |                                       |
|           | 35             | NRI*       |         |        |                                       |
|           | 36             | NRI*       |         |        | · · · · · · · · · · · · · · · · · · · |
|           | 37BC           | NRI*       |         |        |                                       |
| ALA2-4501 | RHR5-R40       |            |         | NI_    | <del></del>                           |
| ALA2-4502 | RHR6-R68       |            |         | NI NI  | <del></del>                           |
| ALA2-4504 | RHR2-R74       |            |         | NI     |                                       |
|           | RHR2-R74(W8)   |            | NRI     |        |                                       |
|           | RHR2-R78       |            |         | NI     |                                       |
| ALA2-4506 | RHR10-R22      |            |         | NI     |                                       |
|           | RHR10-R22(WS)  |            | NRI     |        |                                       |
| ALA2-4513 | CVC-R205       |            |         | NI_    |                                       |
|           | CVC-R205(W4)   |            | NRI     |        |                                       |
| ALA2-4514 | SI-R302        |            |         | NI     |                                       |
| ALA2-4515 | SI-R84         |            |         | NI     |                                       |
| ALA2-4517 | SI-R204        |            |         | NI     |                                       |
| ALA2-4518 | SI-R16         |            |         | NI     |                                       |
| ALA2-4524 | 9              | RI         | NRI     |        | 024                                   |
| ALA2-4526 | 2              | RI         | NRI     |        | 033                                   |

<sup>\*</sup>Augmented examination

| DRAWING   | IDENTIFICATION | VOLUMETRIC | SURFACE | VISUAL | IER       |
|-----------|----------------|------------|---------|--------|-----------|
| ALA2-4527 | CVC-R62        |            | Ü       | NI     |           |
| ALA2-4532 | 9              | NI         | NRI     |        |           |
| ALA2-4602 | 2              | NRI        | NRI     |        |           |
| -         | 3              | NRI        | RI      |        | 026       |
|           | 5              | NRI        | NRI     |        |           |
|           | 6              | NRI        | NRI     |        | 1         |
| ALA2-4603 | 2              | NRI        | NRI     |        |           |
|           | 5              | RI         | NRI     |        | 035       |
| ALA2-4604 | 6              | RI         | RI      |        | 017 & 020 |
|           | 7              | RI         | NRI     |        | 021       |
|           | SI-R4          |            |         | NI     |           |
|           | SI-R4(WS)      |            | NI      |        |           |
| ALA2-4605 | 10             | NI         | NRI     |        |           |
|           | 11             | RI         | NI      |        | 016       |
|           | 12             | RI         | NI      |        | 015       |
|           | 14             | RI         | NRI     |        | 019       |
|           | 15             | NRI        | NRI     |        |           |
|           | 20             | RI         | NRI     |        | 036       |
|           | SI-R9          |            |         | NI     |           |
| ALA2-4609 | 1              | RI         | NRI     |        | 032       |
|           | 8              | RI         | NRI     |        | 022       |
| ALA2-4610 | 8              | RI         | RI      |        | 018 & 030 |
|           | 9              | RI         | NRI     |        | 031       |
| ALA2-4612 | SI-R268        |            |         | NI     |           |
|           | SI-R272        |            |         | NI     |           |
| ALA2-4616 | 7              |            | NI      |        |           |
|           | 15             |            | NI      |        |           |
|           | SS-2008        |            |         | NI     |           |
| ALA2-4617 | 2              |            | NI      |        |           |
|           | 14             |            | NI      |        |           |
|           | SS-4007        |            |         | NI     | <u> </u>  |
|           | SS-4016        |            |         | NI     |           |
| ALA2-4625 | SI-R32         |            |         | NI     | <u> </u>  |
|           | SI-R37         |            |         | NI     |           |
| ALA2-4632 | SI-R55         |            |         | NI     | <u> </u>  |
| ALA2-4635 | 6              |            | NI      |        | <u> </u>  |
|           | SS-1983        |            |         | NI     |           |
|           |                |            |         |        |           |
|           |                |            |         |        |           |
|           |                |            |         |        |           |
|           |                |            |         |        |           |
|           |                |            |         |        | <u> </u>  |
|           |                |            |         |        |           |
|           |                |            |         |        | <u> </u>  |
|           |                |            |         |        |           |
|           |                |            |         |        | <b></b>   |
|           |                |            |         |        | ļ         |
|           |                |            |         |        | ļ         |
|           | Į.             |            |         |        |           |

# ALA SUMMARY OF RECORDED INDICATIONS 2003 UNIT 1 RF-18

| SKETCH    | ID I         | ITEM DESCRIPTION                                     | INDICATION<br>DESCRIPTION                  | ACCEPT | DISPOSITION<br>REPAIR | MONITOR | IER<br>NUMBER |
|-----------|--------------|--|--|--------|-----------------------|---------|---------------|
| Various   | See Attached | Examination of Class 1 Bolted Connections            | Evidence of Leakage and Boron Accumulation |        | х                     |         | 014           |
| ALA2-4605 | 12           | Elbow-to-Pipe Weld<br>CVCS System                    | Root Geometry                              | х      |                       |         | 015           |
| ALA2-4605 | 11           | Pipe-to-Elbow Weld<br>CVCS System                    | Root Geometry                              | х      |                       |         | 016           |
| ALA2-4604 | 6            | Pipe-to-Elbow Weld<br>CVCS System                    | Base Metal Surface Indication              |        | X*                    |         | 017           |
| ALA2-4610 | 8            | Valve-to-Pipe Weld<br>Safety Injection System        | Surface Indication                         |        | X*                    |         | 018           |
| ALA2-4605 | 14           | Pipe-to-Elbow Weld<br>CVCS System                    | Root Geometry                              | х      |                       |         | 019           |
| ALA2-4604 | 6            | Pipe-to-Elbow Weld<br>CVCS System                    | Root Geometry                              | х      |                       |         | 020           |
| ALA2-4604 | 7            | Pipe-to-Elbow Weld<br>CVCS System                    | Root Geometry                              | х      |                       |         | 021           |
| ALA2-4609 | 8            | Pipe-to-Flange Weld<br>Safety Injection System       | Root Geometry                              | х      |                       |         | 022           |
| ALA2-4524 | 9            | Pipe-to-Valve Weld<br>Safety Injection System        | Root Geometry                              | Х      |                       |         | 024           |
| ALA2-4602 | 3            | Elbow-to-Pipe Weld<br>CVCS System                    | Surface Indication                         |        | X*                    |         | 026           |
| ALA1-4204 | SI-R248(W8)  | Welded Attachment (Lugs) Safety Injection System     | Surface Indication                         | х      |                       |         | 027           |
| ALA1-4209 | SS-5688      | One Directional Restraint<br>Safety Injection System | Loose Bolting                              | х      |                       |         | 028           |
| ALA1-4203 | SI-A14       | Anchor<br>Safety Injection System                    | Missing Nuts                               | х      |                       |         | 029           |
| ALA2-4610 | 8            | Pipe-to-Valve Weld<br>Safety Injection System        | Root Geometry                              | х      |                       |         | 030           |
| ALA2-4610 | 9            | Pipe-to-Tee Weld<br>Safety Injection System          | Root Geometry                              | х      |                       |         | 031           |
| ALA2-4609 | 1            | Tee-to-Pipe Weld Safety Injection System             | Root Geometry                              | X      |                       |         | 032           |
| ALA2-4526 | 2            | Reducer-to-Pipe Weld<br>Safety Injection System      | Root Geometry                              | х      |                       |         | 033           |
| ALA1-4202 | SI-R158      | Two Directional Restraint<br>Safety Injection System | Missing Nut                                | х      |                       |         | 034           |
| ALA2-4603 | 5            | Pipe-to-Elbow Weld CVCS System                       | Root geometry                              | X      | <u> </u>              |         | 035           |
| ALA2-4605 | 20           | Pipe-to-Elbow Weld<br>CVCS System                    | Root Geometry                              | х      |                       |         | 036           |
| ALA2-4200 | 10           | Pipe-to-Penetration Weld<br>Main Steam System        | Root Geometry                              | Х      |                       |         | 037           |
| ALA2-4500 | 16L1         | Elbow Long Seam<br>Main Steam System                 | Planer Flaw                                | X      |                       |         | 038           |
| ALA2-4500 | 16           | Pipe-to-Elbow Weld<br>Main Steam System              | Root Geometry                              | х      |                       | ļ       | 039           |
| ALA1-4200 | 3            | Pipe-to-Elbow Weld<br>Reactor Coolant System         | Root Geometry                              | Х      |                       |         | 040           |
| ALA1-4200 | 4R           | Elbow-to-Safe End Weld<br>Reactor Coolant System     | Root Geometry                              | Х      |                       |         | 041           |
| ALA1-4200 | 5R           | Safe End-to-Elbow<br>Reactor Coolant System          | Root geometry                              | X      |                       |         | 042           |

<sup>\*</sup> Indication was removed by surface conditioning (buffing).

# ALA SUMMARY OF RECORDED INDICATIONS 2003 UNIT 1 RF-18

| SKETCH    | ĪD        | ITEM  | INDICATION          |        | DISPOSITION |              |  |
|-----------|-----------|---|---------------------|--------|-------------|--------------|--|
|           |           | DESCRIPTION                                   | DESCRIPTION         | ACCEPT | REPAIR MO   | ONITOR NUMBE |  |
| ALA2-4201 | 1         | Penetration-to-Pipe Weld<br>Main Steam System | Planer Flaw         | х      |             | 043          |  |
| ALA1-4204 | 4         | Valve-to-Pipe Weld<br>Safety Injection System | Root Geometry       | х      |             | 044          |  |
| ALA1-4204 | 5         | Pipe-to-Valve Weld<br>Safety Injection System | Root Geometry       | Х      |             | 045          |  |
| ALA2-4201 | 9         | Valve-to-Pipe Wekl<br>Main Steam System       | Flaw/Slag Inclusion | х      |             | 046          |  |
| ALA2-4201 | 21BC      | Branch Connection Weld<br>Main Steam System   | Root Geometry       | х      |             | 047          |  |
| ALA2-4201 | 26BC      | Branch Connection Weld<br>Main Steam System   | Root Geometry       | х      |             | 048          |  |
| ALA2-4201 | 10        | Pipe-to-Valve Weld<br>Main Steam System       | Root Geometry       | Х      |             | 049          |  |
| ALA1-4207 | CVCS-R514 | Spring Can<br>CVCS System                     | Spring Can Setting  | х      |             | 050          |  |
| ALA1-4205 | RC-R10    | Hydraulic Snubber<br>Reactor Coolant System   | Loose Bolting       |        | х           | 051          |  |
|           |           |   |                     |        |             |              |  |
|           |           |   |                     |        |             |              |  |
|           |           |   |                     |        |             |              |  |
|           |           |   |                     |        |             |              |  |
|           |           |   |                     |        |             |              |  |
|           |           |   |                     |        |             |              |  |
|           |           |   |                     |        |             |              |  |
|           |           |   |                     |        |             |              |  |
|           |           |   |                     |        |             |              |  |
|           |           |   |                     |        |             |              |  |
|           |           |   |                     |        |             |              |  |
|           |           |   |                     |        |             |              |  |

TABLE 1
FNP Unit 1 Containment Concrete Inspection (IWL)

| Elevation      | Room     | <b>Room Description</b>         | <b>Light Meter</b> | Observations  |
|----------------|----------|---------------------------------|--------------------|---|
| (ft)           | No/      | _                               | Reading            |   |
| . 7            | AZ.      |                                 | (fc)               |   |
| 7104.4460      | 27/17/18 |                                 | SENTER TO          |   |
| 155            | 241      | MSFW Valve Room                 | 55                 | a) Stain mark on wall                                       |
|                |          |                                 |                    | b) Crack at elevation 160                                   |
| 155            | 429      | Containment Purge Air           | 74                 | a) Grease mark on the wall near tendon cans on              |
|                |          | Equipment Room.                 |                    | buttress 'C'  |
|                |          |                                 |                    | b) Paint peeled off in buttress 'C' and adjacent            |
|                |          |                                 |                    | wall area   |
| 155            | 409      | Corridor                        | 62                 | a) Stain on wall coming from joint filler above.            |
|                | 440      |                                 | 70                 | b) Paint peeled off in small area near access door.         |
| 155            | 418      | Aux & Containment Purge<br>Vent | 72                 | a) Joint material missing above at two places (5 ft long)   |
| 155            | 478      | MCC Room                        | 58                 | a) Stain on wall coming from joint filler above.            |
| 155            | 470      | Mee Room                        | 30                 | b) Paint peeled off in small area on and near               |
|                | İ        |                                 |                    | buttress 'A'.   |
|                |          |                                 |                    |   |
| 139            | 241      | MSFW Valve Room                 | 55                 | See above   |
| 139            | 334      | Electrical Pen Room             | 64                 | a) Stain on wall coming from joint filler above.            |
|                |          |                                 |                    | b) Grease mark on the wall near tendon cans on              |
|                |          |                                 |                    | buttress 'C'.   |
| 139            | 333      | Electrical Pen Room             | 62                 | a) Hairline crack on wall near penetration                  |
|                |          |                                 |                    | EB02B021A   |
| 139            | 347      | Electrical Pen Room             | 68                 | No Observation  |
| 139            | 332      | Corridor                        | 72                 | a) Stain on wall coming from joint filler above.            |
|                |          |                                 | •                  | b) Grease mark on the wall near tendon cans on              |
|                |          |                                 |                    | buttress 'A'.   |
|                |          |                                 | Ì                  | c) Paint peeled off in small area on and near buttress 'A'. |
|                | 7.7      |                                 | 100                | Duttess A.  |
| 121            | 241      | MSFW Valve Room                 | 55                 | See above   |
| 121            | 223      | Piping Pen Room                 | 66                 | a) Stain on wall coming from joint filler above.            |
| 121            |          | 1 iping 1 on Room               | "                  | b) Grease mark on the wall near tendon cans on              |
|                |          | 1                               |                    | buttress 'C'.   |
|                |          | •                               |                    | c) Paint peeled off in small area on and near               |
|                | 1        |                                 |                    | buttress 'C'.   |
| 121            | 222/237  | Corridor (Boron Addition        | 74                 | a) Grease mark on the wall near tendon cans on              |
|                | 1        | Area)                           | ļ                  | buttress 'A'.   |
|                |          |                                 |                    | b) Paint peeled off in small area on and near               |
|                |          |                                 |                    | buttress 'A'.   |
|                | 出海学      |                                 | Market Service     |   |
| 100            | 194      | Heating Equip Room              | 75                 | a) Stain on middle of wall near an opening.                 |
| - <del>-</del> |          |                                 |                    | b) Joint material missing above                             |
|                |          | İ                               | ,                  | c) Stain mark on wall at the junction with wall             |
|                |          |                                 |                    | along line 2.   |
|                |          |                                 |                    | d) Wall along line 4 near containment wall has big          |
|                |          |                                 |                    | crack. Concrete is about to spall out. Work order           |
|                | l        |                                 | ļ                  | already in place for repair.                                |

TABLE 1
FNP Unit 1 Containment Concrete Inspection (IWL)

| Elevation   | Room     | Room Description             | Light Meter                             | Observations   |
|-------------|----------|------------------------------|---|--|
| (ft)        | No/      | Tiodin Boodinpilon           | Reading                                 |  |
| \'''        | AZ.      |                              | (fc)                                    |  |
|             |          |                              |   |  |
| 100         | 189      | Heating Equip Room           | 75                                      | a) Grease mark on the wall   |
|             |          |                              |   | b) Grease leakage from wall at two locations.  |
|             |          |                              |   | c) Stain on wall from joint above d) Huge stain mark at the corner with wall   |
|             |          |                              |   | along Line 4   |
| 100         | 184      | Piping Pen Room              | 60                                      | a) Paint peeled off on small area of wall.   |
| 100         | 104      | Tiping Fon Room              | 00                                      | b) Grease leakage from Tendon cans on buttress   |
|             |          |                              |   | 'C'.   |
|             |          |                              |   | c) Grease leaking from wall near E and 10.   |
|             |          |                              |   | d) Stain on wall from joint above  |
|             |          |                              | 1                                       | e) Grease leaking near penetration for Containment   |
|             |          |                              |   | spray B.   |
| 100         | 183      | Piping Pen Room              | 78                                      | a) Stain on wall from joint above  |
| 100         | 182      | Cont Storage Room            | 68                                      | a) Grease leaking from the wall.   |
| 100         | 172      | Piping Pen Room              | 62                                      | a) Stain on wall coming from joint filler above.   |
|             |          |                              |   | b) Paint peeled off on small area of wall.   |
|             |          |                              |   | c) Joint material missing above for about 20 ft  |
|             | 100      |                              | L                                       | length.  |
| 100         | 186      | Boric Acid Area              | 72                                      | a) Grease leakage from Tendon cans on buttress   |
| i           |          |                              |   | 'A'. b) Grease mark on the wall near tendon cans.  |
| İ           | }        |                              |   | c) Paint peeled off on small area of wall.   |
|             |          |                              |   | d) Stain mark at corner location 8 and N.  |
|             | }        | <b>[</b>                     | ì                                       | e) Hairline crack near 11 and M. Grease leaking  |
|             | Ì        |                              |   | from the crack.  |
|             | 1/2-21-2 | 7.17.50 (\$2.50 P.O.S. NO.S. | 0.75                                    |  |
| 83 & 77     | 131      | 1A RHR Pump Room             | 55                                      | a) Paint peeled off on small area of wall.   |
| 83 & 77     | 129      | 1B RHR Pump Room             | 52                                      | No Observation   |
| 77          | 125      | 1B Containment Spray         | 52                                      | No Observation   |
|             | <u> </u> | Pump Room                    | <u> </u>                                |  |
| 77          | 111      | 1A Containment Spray         | 52                                      | a) Paint peeled off on small area of wall.   |
|             |          | Pump Room                    | NAME OF STREET                          | b) Fluid seepage through small crack.  |
| 4.51 174.31 | 100      |                              | 2 | Section of the sectio |
| 86          |          | Tendon Gallery               | 111                                     | a) Popouts at certain places in concrete wall that   |
|             | 1        |                              |   | appeared to be from construction time.   |
|             | 1        |                              |   | b) Hair line cracks in few places in the concrete wall.  |
|             | 1        |                              |   | c) Leaching at certain areas mostly coming from  |
|             |          |                              |   | the joint point (between containment mat and   |
|             |          |                              |   | gallery wall).   |
| 1           |          |                              |   | d) All the bolts of end cans are in place.   |
| I           |          |                              |   | e) Many of the bolts of end cans show surface rust.  |
| 1           | 1        |                              |   | f) Some of the metal surface of the end cans show  |
| 1           | 1        |                              |   | surface rust.  |
|             | 1.3.55   |                              | Now Sections                            |  |

TABLE 1
FNP Unit 1 Containment Concrete Inspection (IWL)

| Elevation       | Room            | <b>Room Description</b>  | Light Meter     | Observations   |
|-----------------|-----------------|--|-----------------|--|
| (ft)            | No/             | •  | Reading         |  |
| ` ` ′           | AZ.             |  | (fc)            |  |
| 290             |                 | Containment Dome Roof  |                 | a) Ring girder has several hairline cracks (< 0.04") emanating from 'A Frame' rail connection points. b) Small cracks (< 0.04") emanating from "A Frame' connection on dome. c) Grout below the base plate of 'A' frame rail support broken loose at many locations. d) Dome coating found to have cracks, peelings and missing in numerous locations. Concrete below the coating has cracks. e) Small cracks are all in tight condition. f) No grease leaks or bulging of tendon end cans. g) Minimum surface corrosion of bolts and end cans.  |
|                 |                 |  |                 |  |
| 155 To 270      | 0° To<br>90°    | Outside of Containment   | 476             | a) Hair line cracks near = Az. 10° and El. 162. b) Minor Grease Marks on Buttress A. c) Cracks (0.01") on cont wall and buttress A near Tendon H44AB d) Minor cracks at wall between dome tendons.   |
| Control Control | 81176           | S. K. S. E. S. E. S. Y. S. N. S. S. S.   |                 | KEEPARSY IIPERING BUSINESS VINCENDA  |
| 155 To 270      | 90° To<br>180°  | Outside of Containment   | 476             | a) Cracks near = Az. 130° and El.155' near checkered plate, concrete may spall out in near future b) Discoloration on small area above equipment hatch c) Joint material near = Az. 90° and El.155' missing. d) Minor cracks at wall between dome tendons.   |
|                 |                 |  |                 | Mesceles Santes Creates and Control  |
| 155 To 270      | 180° To<br>270° |  | 476             | a) Grease leakage from concrete wall near = Az. 190° and El.183 next to buttress B - cracks in the wall is visible b) Crack in concrete near tendon can 2 <sup>m</sup> one from bottom from roof level at buttress B. c) Minor cracks at wall between dome tendons.  |
| 能認為政策           | 24362           |  | MATERIAL PARTY  |  |
| 155 To 270      | 270° To<br>360° | Outside of Containment   | 476             | a) Grease marks on buttress C b) Stain marks near places where rebars (used during construction) are located c) Minor cracks at wall between dome tendons.   |
| 1500            | 1227            | Law Line And Anna Constitution (Constitution Constitution | propagante (F.) | Live Science (Scientific & Science (Scientific Scientific 
Joseph M. Farley Nuclear Plant - Unit 1 Interval 3, Period 2, Outage 2 Inservice Inspection Report

### Tab C

# EXAMINATION PROGRAM PLAN UNIT 1 RF 18 INTERVAL 3 PERIOD 2 OUTAGE 2 2003

### FIGURE 2

|     | Unit No. 1         | Change No. 006    | Page 1 of 1                         |
|-----|--------------------|-------------------|-------------------------------------|
|     | 10 Year Interval 3 | 40 Month Period 2 | Outage 2                            |
|     | Components:        |                   | Reason For Change:                  |
|     | Delete examination | Method            |                                     |
| 1.  | ALA1-4102-QV032A   | VT-3              | Valve not disassembled, reschedule. |
| 2.  | ALA1-4102-QV037A   | VT-3              | Valve not disassembled, reschedule. |
| 3.  | ALA1-4103-QV076A   | VT-3              | Valve not disassembled, reschedule. |
| 4.  | ALA1-4104-QV021C   | VT-3              | Valve not disassembled, reschedule. |
| 5.  | ALA1-4201-QV032B   | VT-3              | Valve not disassembled, reschedule. |
| 6.  | ALA1-4201-QV037B   | VT-3              | Valve not disassembled, reschedule. |
| 7.  | ALA1-4202-QV051B   | VT-3              | Valve not disassembled, reschedule. |
| 8.  | ALA1-4203-QV021B   | VT-3              | Valve not disassembled, reschedule. |
| 9.  | ALA1-4302-QV032C   | VT-3              | Valve not disassembled, reschedule. |
| 10. | ALA1-4302-QV037C   | VT-3              | Valve not disassembled, reschedule. |
| 11. | ALA1-4303-QV021A   | VT-3              | Valve not disassembled, reschedule. |
| 12. | ALA1-4304-QV051A   | VT-3              | Valve not disassembled, reschedule. |
| 13. | ALA1-4501-QV031A   | VT-3              | Valve not disassembled, reschedule. |
| 14. | ALA1-4502-QV031B   | VT-3              | Valve not disassembled, reschedule. |
| 15. | ALA1-4503-QV031C   | VT-3              | Valve not disassembled, reschedule. |
|     |                    |                   |                                     |

| APPROVED BY: | NA                 | NA     |  |
|--------------|--------------------|--------|--|
|              | Vendor Coordinator | Date   |  |
| APPROVED BY: | Sand Afther        | 5-2303 |  |
| <del></del>  | SNC Coordinator    | Date   |  |

### FIGURE 2

|    | Unit No. 1               | Change No  | 005                   | Page   | _ of _ !   |
|----|--------------------------|--|-----------------------|--|--|
|    | 10 Year Interval3        | 40 Month Period _                                    | 2                     | Outage   | 2  |
|    | Components:              |  | F                     | Reason For Change  | 2:   |
|    | Change calibration block | Previous block listed /<br>Correct calibration block |                       |  |  |
| 1. | ALA2-4201-5              | ALA-23 /<br>ALA-24                                   | c<br>1<br>4<br>c<br>w | The other end of the 201-5, elbow to pion orrect block should be used from | or this weld is ALA-24 e elbow is weld ALA2 pe (transition). The d be ALA-24. ALA-2 the top of the ALA2-4201-36, which |
| •  |                          |  |                       |  |  |
|    |                          |  |                       |  |  |
|    |                          |  |                       |  |  |
|    |                          |  |                       |  |  |
|    |                          |  |                       |  |  |
|    |                          |  |                       |  |  |
|    | I                        | 1  |                       |  |  |
|    |                          |  | •                     |  |  |
|    |                          |  |                       |  |  |
|    | APPROVED BY:             | U Bell Vendor Coordinator                            |                       | W-16-03<br>Date  |  |
|    | APPROVED BY:             | 1. John  | <del></del>           | 4-16-03  |  |

### FIGURE 2

|    | Unit No1   | Change No                                 | 004 Page 1 of 2  |
|----|--|---|--|
|    | 10 Year Interval3  | 40 Month Period                           | 2 Outage2  |
|    | Components:  | Change procedure                          | Reason For Change:   |
| 1. | ALA1-5300-FW1  | FNP-0-NDE-100.11 to<br>FNP-0-NDE-100.5    | The examination performed on the keyway is a PT examination, not an MT. FNP-0-NDE-100.5 is the correct procedure.  |
|    | Delete the following exams:                                    |   |  |
| 2. | ALA2-4105-RC-R40   | VT-3                                      | Support was examined in the first period of the interval.  |
| 4. | ALA1-4201-SI-R172<br>ALA1-4201-SI-R174<br>ALA1-4105-RC-R40(W8) | VT-3<br>VT-3<br>Surface – FNP-0-NDE-100.5 | These snubbers are being deleted per DCP-9209. The snubbers were removed prior to VT examination. Per code case N-491, we need to examine 73 supports over the ten year period. We are presently examining 78. We are also exceeding the 67% in which we may claim code credit for the first and second period. No additional supports are required to be examined during this outage.  This support has 8 lugs welded on 4 sides. The support lugs were examined during |
|    |  |   | the previous period. A limited examination was performed with the clamp in place. The clamp is welded together and can not be removed. We can delete this exam, as we are required to examine 6, and presently have 10 scheduled for the interval. Please delete weld from LTP for this item.  |
|    |  | Change Configuration                      |  |
| 5. | ALA2-4609-1  | From "Tee to Elbow" To "Tee to Pipe"      | Verified configuration by walkdown.  |
|    | APPROVED BY:   | Vendor Coordinator                        | <u>4-10-03</u><br>Date   |
|    | APPROVED BY:   | SNO Coordinator                           | <u>4-60-03</u><br>Date   |

### FIGURE 2

| Unit No1           | Change No. 004    | Page $2$ of $2$ |
|--------------------|-------------------|-----------------|
| 10 Year Interval 3 | 40 Month Period 2 | Outage 2        |

|    | Component  |   | Reason for Change   |
|----|--|---|---|
|    |  | Examination Required  |   |
| 6. | ALA2-4201-2  | Surface - FNP-0-NDE-100.11<br>Volumetric - FNP-0-NDE-100.43 | This weld will be examined for code credit. Weld ALA2-4201-8 will not be examined for code credit / substitution.   |
| 7. | ALA2-4201-8  | SUR-AUG – FNP-0-NDE-100.11<br>VT-3 – FNP-0-NDE-100.21       | Weld ALA2-4201-8 configuration does not permit a volumetric examination. Last 10 year interval (2-2-2), a limited MT and a supplemental visual was performed. |
|    | Add the following exams  |   | <del></del>   |
| 8. | ALA2-4201-36   | VOL-AUG   | Per Tech. Specs, an Augmented UT should be performed.   |
| 9. | ALA2-4201-36LI   | VOL-AUG   | Per Tech. Specs, an Augmented UT should be performed.   |
|    | General Comment: DCP-9209 and 9210 are deleting snubbers during the 1R18 outage. During LTP update, review DCP to include revisions. |   |   |

| APPROVED BY:   | oh W Beel          | 4-10-03 |
|----------------|--------------------|---------|
| $\overline{C}$ | Vendor Coordinator | Date    |
| APPROVED BY:   | Sand Lotte         | 4-10-03 |
| <del></del>    | SNC Coordinator    | Date    |

### FIGURE 2

|         | Unit No. 1                          | Change No. 003   | Page 1 of 2   |
|---------|-------------------------------------|--|---|
|         | 10 Year Interval3                   | 40 Month Period 2  | Outage 2  |
|         | Components:                         |  | Reason For Change:  |
|         | Plan Change 02 corrections          |  |   |
| 1.      | Pages 1 and 2 of plan not included. |  | Pages attached  |
| 2.      | ALA1-4200-15BC<br>ALA1-4200-3       | The "Reason for Change" in Plan<br>Change 02 was incorrect.  | This is cast stainless material which is covered by procedure FNP-0-NDE-100.41.   |
| 3.      | ALA1-4200-4R<br>ALA1-4200-5R        | The "Reason for Change" in Plan<br>Change 02 was incorrect.  | Procedure changed due to Cast Stainless material on one side (FNP-0-100.41) and unique configuration wrought stainless on the safe end side. (FNP-0-NDE-100.31)                       |
| 4.      | ALA2-4201-12BC                      | Plan Change 02 Table was changed (Page 8), added calibration block ALA-23 and procedure FNP-0-NDE-100.43 | Not listed on Plan Change 02 cover sheet but was changed on the attachment table of PC-02.  |
| 5.      | ALA2-4201-13BC, 14BC, 15BC          | Add calibration block (ALA-23)   | Table was changed(page 8), cover sheet did not list calibration block change.   |
| <u></u> |                                     |  |   |
|         | Delete the following exams:         |  |   |
| 6.      | ALA1-4200-D176238                   | VT-3   | Support was removed during Steam Generator replacement. Eric Aycock verified removal during walk down. Drawing D176238 shows where support was cut out.                               |
| 7.      | ALA2-4603-7                         | Surface / Volumetric   | Replaced weld with ALA2-4603-5, welds have not been previously examined. Same pipe sketch, system and configuration.  |
| 8.      | ALA2-4610-2                         | Surface / Volumetric   | Replaced weld with ALA2-4610-9, welds have not been previously examined. Same pipe sketch, system and configuration. Piping system ID plate would limit examination, welded in place. |
|         |                                     |  |   |
|         |                                     |  | <del>                                     </del>  |
|         | APPROVED BY:                        | W Bell Vendor Coordinator  | <u>4-3-03</u><br>Date   |
|         | APPROVED BY:                        | SNC/Coordinator  | <u>43-03</u><br>Date  |

### FIGURE 2

|  | Unit No.                 | 1  | Change No.                               | 003         | Page 2 of 2  |
|--|--------------------------|----|--|-------------|--|
|  | 10 Year Interval         | 3  | 40 Month Period                          | 2           | Outage2  |
| <u></u>  |                          |    |  |             |  |
|  | Add the following exams: | E  | amination                                |             | Reason:  |
| 9.   | ALA2-4603-5              | Su | rface / Volumetric                       |             | Substituted for weld ALA2-4603-7                         |
| 10.  | ALA2-4610-9              | Su | rface / Volumetric                       |             | Substituted for weld ALA2-4610-2                         |
|  | Component                |    | d Weld Description / w Weld Description  |             | Reason:  |
| 11.  | ALA-4532-9               | Ol | d: Pipe to Reducer<br>ew: Tee to Reducer |             | Verified configuration during walk down by Gary Lofthus. |
|  | Component                | CI | nange:                                   |             | Reason:  |
| 12.  | ALA2-4201-11BC           |    | libration block ALA-27 not quired.       |             | Same configuration as ALA2-4201-12BC, 13BC, 14BC, 15BC   |
|  |                          |    |  | <del></del> |  |
| <del>                                     </del> |                          |    |  |             |  |
|  |                          |    |  |             |  |
|  |                          |    |  |             |  |
|  |                          |    |  |             |  |

| APPROVED BY: | ohn W     | Bel       | 4-3-03 |
|--------------|-----------|-----------|--------|
|              | Vendor Co | ordinator | Date   |
| APPROVED BY: | Day a.    | Latetan   | 4-3-03 |
|              | SNC Coor  | dinator   | Date   |

### FIGURE 2

|     | Unit No1  | Change No. 002                       | Page 1 of 2   |
|-----|---|--------------------------------------|---|
|     | 10 Year Interval 3  | 40 Month Period 2                    | Outage 2  |
|     | Components:   |                                      | Reason For Change:  |
|     | Change the procedure for the following examinations                   | New Procedure to be used             |   |
| 1.  | ALA1-1200-VS INT  | FNP-ISI-88                           | Vendor procedure for remote VT with the submarine   |
| 2.  | ALA1-4200-15BC  | FNP-0-NDE-100.41                     | Procedure revised to allow for Tech. Spec examinations for HELB exams.  |
| 3.  | ALA1-4200-3   | FNP-0-NDE-100.41                     |   |
| 4.  | ALA1-4200-4R  | FNP-0-NDE-100.41                     | u u   |
|     |   | FNP-0-NDE-100.31                     |   |
| 5.  | ALA1-4200-5R  | FNP-0-NDE-100.41                     | u u   |
|     |   | FNP-0-NDE-100.31                     | <b>.</b>  |
| 6.  | ALA2-4201-1, 1LI, 2, 2LI, 3, 3LI                                      | FNP-0-NDE-100.43                     | u u u   |
| 7.  | ALA2-4201-7, 7LI, 9, 9LI, 10  | FNP-0-NDE-100.43                     | " "   |
| 8.  | ALA2-4201-13BC, 14BC, 15BC  | FNP-0-NDE-100.43                     | 66 66 66  |
| 9.  | ALA2-4201-16, 17, 18, 19  | FNP-0-NDE-100.43                     | 4 4 4   |
| 10. | ALA2-4201-22, 23, 24, 25  | FNP-0-NDE-100.43                     | u u u   |
| 11. | ALA2-4201-27, 28, 29, 31, 32  | FNP-0-NDE-100.43                     | 44 44   |
| 12. | ALA2-4201-33, 34  | FNP-0-NDE-100.43                     | 66 66 66  |
| 13. | ALA2-4500-14, 14LI, 15, 15LI  | FNP-0-NDE-100.43                     |   |
| 14. | ALA2-4500-16, 16LI, 17, 17LI  | FNP-0-NDE-100.43                     |   |
| 15. | ALA2-4500-18, 32, 33, 34, 35  | FNP-0-NDE-100.43                     | 66 66 64  |
| 16. | ALA2-4500-36, 4, 4LI, 5, 5LI  | FNP-0-NDE-100.43                     |   |
|     | Change procedure and calibration block for the following examinations | New procedure / calibration block    |   |
| 17. | ALA2-4201-21BC  | FNP-0-NDE-100.43 / ALA-23 and ALA-26 | Procedure revised to allow for Tech. Spec examinations for HELB exams. Proper calibration block was not listed. |
|     |   |                                      |   |
|     |   |                                      |   |
|     |   |                                      |   |
|     | APPROVED BY:  | Vendor Coordinator                   | <u>H-1-0.3</u><br>Date  |

### FIGURE 2

### **FARLEY NUCLEAR PLANT** INSERVICE INSPECTION PROGRAM CHANGE

|          | Unit No. 1  | Change No. 002                                    | Page 2 of 2  |
|----------|---|---|--|
|          | 10 Year Interval 3  | 40 Month Period 2                                 | Outage2  |
|          | Change procedure and calibration block for the following examinations | New procedure / calibration block                 | Reason for change  |
| 18.      | ALA2-4500-30BC, 37BC  | FNP-0-NDE-100.43 / APR-4                          | Procedure revised to allow for Tech. Spec examinations for HELB exams. Proper calibration block was not listed   |
|          | Add the following exams:  |   |  |
| 19.      | ALA2-4201-11BC  | VOL-AUG / FNP-0-NDE-100.43 /<br>ALA-23 and ALA-27 | Tech. Specs. Require an Augmented volumetric examination. Not previously listed in long term plan.   |
| 20.      | ALA2-4201-26BC  | VOL-AUG / FNP-0-NDE-100.43 /<br>ALA-23 and ALA-27 | Tech. Specs. Require an Augmented volumetric examination. Not previously listed in long term plan.   |
| 21.      | ALA2-4605-10  | Surface / Volumetric                              | Substitution for ALA2-4605-5. Verified with James Agold SNC MIS Group.   |
| <u> </u> | Delete the following exams:   |   |  |
| 22.      | ALA2-4605-5   | Surface / Volumetric                              | The weld is not accessible for ISI examination. The weld has not been previously examined. Weld ALA2-4605-10 is an elbow to pipe and on the same pipe sketch. Verified with James Agold SNC MIS Group. |
| 23.      | ALA1-4200-U-281455  | VT-3  | This pipe support was abandoned in place per DCP 98-1-9315. (. See U261455 drawing.) The pipe support identification should have been listed as U-261455 in the long term plan.                        |
| <u> </u> |   |   |  |
|          | <u> </u>  | _ <u></u>   | <u> </u>   |

| APPROVED BY: John W ! Sell | 4-1-03 |
|----------------------------|--------|
| Vendor Coordinator         | Date   |
| APPROVED BY: Soul Sottler  | 4-1-03 |
| SNC Coordinator            | Date   |

### FIGURE 2

|          | Unit No. 1                           | Change No. 001                      | Page 1 of 1   |
|----------|--------------------------------------|-------------------------------------|---|
|          | 10 Year Interval 3                   | 40 Month Period 2                   | Outage2   |
|          | Components:                          |                                     | Reason For Change:  |
|          | Defer the Following Exams            | Exam Required                       |   |
| 1.       | ALA1-3200-IR1R                       | VOL                                 | This examination is deferred to the next outage / period. This exam is scheduled at the same time as the eddy current exams for the Steam Generators. Insulation / scaffolding to be built one time, reduce dose. |
| 2.       | ALA1-3200-JR2R                       | VOL                                 | This examination is deferred to the next outage / period. This exam is scheduled at the same time as the eddy current exams for the Steam Generators. Insulation / scaffolding to be built one time, reduce dose. |
| L        | Add the Following                    |                                     |   |
| 1.       | B-K / B10.20<br>ALA1-4105-RC-R40(W8) | SUR                                 | Last outage, a limited surface examination was performed. Remove clamp, and perform examination. WO 3001668   |
| 2.       | C-F-2 / C5.51<br>ALA2-4201-20        | VOL-AUG                             | Per Tech Specs, an Augmented UT should<br>be performed  |
| 3        | ALA2-4500-31BC                       | VOL-AUG                             | Per Tech Specs, an Augmented UT should<br>be performed  |
|          | Delete the following:                |                                     |   |
| 1.       | ALA2-4500-9                          | VOL-AUG                             | Examination was performed during 3-1-2.   |
| <u> </u> | APPROVED BY:                         | Vendor Coordinator  SNC/Coordinator | 3-26-03<br>Date 3-26-03 Date  |
|          |                                      | / /                                 |   |

### 

: ( )-M-097

| (89) Code Cat. | Component No.    |                                 |                | Method      |                   |  |
|----------------|------------------|---------------------------------|----------------|-------------|-------------------|--|
| (89) Item No.  | Figure No.       | Component Desc.                 | Cal Block No.  | Sur Voi Vis | NDE Procedures    | Remarks  |
| B-N-1          | ALA1-1200-VS INT | RPV INTERIOR                    |                | VT-3        | THP-0-NDE-100.03- |  |
| B13.10         | Figure Accessib  |                                 |                |             | FNP-151-88        |  |
| B-D            | ALA1-2100-14     | SURGE NOZZLE TO PZR BOTTOM      | APR-7          | SUR         | FNP-0-NDE-100.11  | (SUPPLEMENTAL SURFACE EXAM) RR-6                               |
| B3.110         | Figure 008       | HEAD                            |                |             |                   | RR-0   |
| B-D            | ALA1-2100-14     | SURGE NOZZLE TO PZR BOTTOM HEAD | APR-7          | VOL         | FNP-0-NDE-100.34  | (SUPPLEMENTAL SURFACE EXAM)                                    |
| B3.110         | Figure 008       | NEAD                            |                |             |                   | NN-0   |
| B-D            | ALA1-2100-14IR   | PZR NOZZLE INNER RADIUS         | ALA-39         | VOL         | FNP-0-NDE-100.38  | 1  |
| B3.120         | Figure 008       |                                 |                |             |                   |  |
| B-B            | ALA1-2100-3      | PZR UPPER SHELL LONG SEAM       | APR-7          | VOL         | FNP-0-NDE-100.34  | 1 ft of weld reqd.   |
| B2.12          | Figure 002       |                                 |                |             |                   |  |
| B-B            | ALA1-2100-7      | PZR UPPER SHELL TO TOP HEAD     | APR-7          | VOL         | FNP-0-NDE-100.34  | · ·  |
| <b>B2.11</b> . | Figure 001       |                                 | <u>.</u>       |             |                   |  |
| B-D            | ALA1-3200-IR1R   | SG HOT LEG NOZZLE INNER RADIUS  | ALA-54; ALA-55 | - YOF       | FNP-0-NDE-100.44  | Added per Steam Generator replacement during 1R16. PSI done at |
| B3.140         | Figure 008       |                                 |                | 1           | 1.                | ENSA.  |
|                | ALA1-3200-IR2R   | SG CROSS-OVER NOZ INNER RADIUS  | ALA-54, ALA-55 | VOL         | FNP-0-NDE-100.44  | Added per Steem Generator                                      |
| B3.140         | Figure 008       |                                 |                |             |                   | replacement during 1R16. PSI done at ENSA.                     |
| B-M-2          | ALA1-4102-QV032A | COPES VALVE                     |                | V7-3        | FNP-0-NDE-100.23  | Group 5. Inspect one per group if                              |
| B12.50         | Figure Internal  |                                 |                |             |                   | disassembled.  |
| - B-M-2        | ALA1-4102-QV037A | GOPES VALVE                     |                | VT-3        | FNP-0-NDE-100.23  | Group 5. Inspect one per group if                              |
| B12.50         | Figure Internal  | ·                               |                |             |                   | disassembled.  |
| B-M-2          | ALA1-4103-QV076A | VELAN VALVE                     |                | VT-3        | FNP-0-NDE-100.23  | Group 2, inspect one per group if                              |
| B12.50         | Figure Internal  |                                 |                |             |                   | disassembled.  |
| D-M-2          | ALA1-4104-QV021C | VELAN VALVE                     |                | VT-3        | FNP-0-NDE-100.23  | Group 2. Inspect one per group-if                              |
| B12.50         | Figure Internal  |                                 |                |             |                   | disassembled.  |
| F-A            | ALA1 4105 RC R40 | HYDRAULIC SNUBBER(2) WIATTACH   |                | VT-3        | FNP-0-NDE-100.23  | RE-EXAMINE WITH CLAMP  |
| F1.10          | Figure 037       |                                 |                |             |                   | REMOVED RR-12  |
| B-J            | ALA1-4200-15BC   | BRANCH CONNECTION               | ALA/APR-33     | SUR         | FNP-0-NDE-100.5   | RR-9   |
| B9.31          | Figure 012       |                                 |                | 1           |                   |  |

# J. M. FARLEY :AR PLANT OUTAGE PLAN Interval 3 Period 2 Outage 2

| (89) Code Cat.<br>(89) Item No. | Component No.<br>Figure No.         | Component Desc.               | Cal Block No.         | Method<br>Sur Vol Vis | NDE Procedures                              | Remarks   | , |
|---------------------------------|-------------------------------------|-------------------------------|-----------------------|-----------------------|---|---|---|
| B√<br>89.31                     | ALA1-4200-15BC<br>Figure 012        | BRANCH CONNECTION             | ALA/APR-33            | VOL                   | FNP-0-NDE-100                               | RR-9  |   |
| B-J<br>B9.11                    | ALA1-4200-3<br>Figure 012           | PIPE TO ELBOW                 | ALA/APR-33            | VOL                   | FNP-0-NDE-100.44                            |   |   |
| B√J<br>89.11                    | ALA1-4200-3<br>Figure 012           | PIPE TO ELBOW                 | ALA/APR-33            | SUR                   | FNP-0-NDE-100.5                             |   |   |
| B√<br>B9.11                     | ALA1-4200-4R<br>Figure 012          | ELBOW TO SAFE-END             | ALA-61,<br>ALA/APR-33 | SUR                   | FNP-0-NDE-100.5                             | Added per Steam Generator replacement. PSI during 1R16. |   |
| B-J<br>B9.11                    | ALA1-4200-4R<br>Figure 012          | ELBOW TO SAFE-END             | ALA-61,<br>ALA/APR-33 | VOL                   | FNP-0-NDE-100.07                            | Added per Steam Generator replacement. PSI during 1R16. |   |
| B√<br>B9.11                     | ALA1-4200-5R<br>Figure 012          | SAFE-END TO ELBOW             | ALA-61,<br>ALA/APR-33 | SUR                   | FNP-0-NDE-100.5                             | Added per Steam Generator replacement. PSI during 1R16. |   |
| B-J<br>89.11                    | ALA1-4200-5R<br>Figure 012          | SAFE-END TO ELBOW             | ALA-61,<br>ALA/APR-33 | VOL                   | FNP-0-NDE-100.41<br>-41<br>FNP-0-NDE-100.31 | Added per Steam Generator replacement, PSI during 1R16. |   |
| F=A                             | ALA1-4200-D176238<br>Figure 037     | TWO DIRECTIONAL RESTRAINT     | -                     | VT-3                  | FNP-0-NDE-100.23                            | DELETE  |   |
| F-A<br>F1.10                    | ALA1-4200-U-201455<br>Figure 037    | TWO DIRECTIONAL RESTRAINT     |                       | VT-S                  | FNP-0-NDE-100,23-                           | DEUTS   |   |
| <del>D-M-2</del><br>B12.50      | ALA1-4201-QV032B<br>Figure Internal | GOPES VALVE                   |                       | VT-3                  | ENP-0-NDE-100.23                            | Group 5, Inspect one per group if disassembled,         |   |
| B-M-2<br>B12.50                 | ALA1-4201-QV037B<br>Figure Internal | COPES VALVE                   |                       | VT-3                  | FNP-0-NDE-100.23                            | Group 5: inspect one per group if disassembled.         | 7 |
| <del></del>                     | ALA1-4201-91-R172<br>Figure 037     | HYDRAULIO SNUBBER             |                       | VT-3                  | FNP-0-NDE-100.23                            | RR-12   |   |
| <del>Г-А</del><br>F1.10         | ALA1-4201-31-R174<br>Figure 037     | HYDRAULIC SNUBBER(2) W/ATTACH |                       | VT-3                  | FNP-0-NDE-100.23                            | RR-12   |   |

| (89) Code Cat.  | Component No.                       |                           |               | Method      |                  |   |
|-----------------|-------------------------------------|---------------------------|---------------|-------------|------------------|---|
| (89) Item No.   | Figure No.                          | Component Desc.           | Cal Block No. | Sur Vol Vis | NDE Procedures   | Remarks   |
| B-J<br>B9.11    | ALA1-4202-1<br>Figure 012           | PIPE TO BRANCH CONNECTION | ALA-6         | SUR         | FNP-0-NDE-100.5  |   |
| B√J<br>B9.11    | ALA1-4202-1<br>Figure 012           | PIPE TO BRANCH CONNECTION | ALA-6         | VOL         | FNP-0-NDE-100.44 |   |
| B-J<br>B9.11    | ALA1-4202-2<br>Figure 012           | ELBOW TO PIPE             | ALA-6         | VOL         | FNP-0-NDE-100.44 |   |
| B-J<br>B9.11    | ALA1-4202-2<br>Figure 012           | ELBOW TO PIPE             | ALA-6         | SUR         | FNP-0-NDE-100.5  |   |
| B√J<br>B9.11    | ALA1-4202-3<br>Figure 012           | PIPE TO ELBOW             | ALA-6         | VOL         | FNP-0-NDE-100.44 |   |
| B-J<br>B9.11    | ALA1-4202-3<br>Figure 012           | PIPE TO ELBOW             | ALA-6         | SUR         | FNP-0-NDE-100.5  |   |
| B-J<br>B9.11    | ALA1-4202-4<br>Figure 012           | VALVE TO PIPE             | ALA-8         | SUR         | FNP-0-NDE-100.5  |   |
| B~J<br>B9.11    | ALA1-4202-4<br>Figure 012           | VALVE TO PIPE             | ALA-6         | VOL         | FNP-0-NDE-100.44 |   |
| B-J<br>B9.11    | ALA1-4202-5<br>Figure 012           | PIPE TO VALVE             | ALA-6         | SUR         | FNP-0-NDE-100.5  |   |
| B-J<br>B9.11    | ALA1-4202-5<br>Figure 012           | PIPE TO VALVE             | ALA-6         | VOL         | FNP-0-NDE-100.44 |   |
| B M 2<br>B12.50 | ALA1-4202-QV051B<br>Figure Internal | - VELAN-VALVE             |               | VT-3        | FNP-0-NDE-100,23 | Group 2. Inspect one per group-if disassembled. |
| F-A<br>F1.10    | ALA1-4202-SI-R158<br>Figure 037     | TWO DIRECTIONAL RESTRAINT | •             | VT-3        | FNP-0-NDE-100.23 |   |
| B-J<br>B9.40    | ALA1-4203-12<br>Figure 011          | PIPE TO BRANCH CONNECTION | -             | SUR         | FNP-0-NDE-100.5  |   |
| B-J<br>B9.40    | ALA1-4203-13<br>Figure 011          | ELBOW TO PIPE             | -             | SUR         | FNP-0-NDE-100.5  |   |
| B-J<br>B9.40    | ALA1-4203-14<br>Figure 011          | PIPE TO ELBOW             | -             | SUR         | FNP-0-NDE-100,5  |   |

| (89) Code Cat. | Component No.                   |                           |               | Method      |                  |                                   | $\Box$ |
|----------------|---------------------------------|---------------------------|---------------|-------------|------------------|-----------------------------------|--------|
| (89) Item No.  | Figure No.                      | Component Desc.           | Cal Block No. | Sur Vol Vis | NDE Procedures   | Remarks                           |        |
| B-J<br>B9.40   | ALA1-4203-15<br>Figure 011      | VALVE TO PIPE             | -             | SUR         | FNP-0-NDE-100.5  |                                   |        |
| B-M-2          | ALA1-4203-QV021B                | VELANIVALVE               |               | VT-3        | FNP-0-ND5-100.23 | Group 2. Inspect one per group if | -      |
| B12.50         | Figure Internal                 |                           |               |             |                  | disassembled.                     |        |
| F-A<br>F1.10   | ALA1-4203-SI-A14<br>Figure 037  | ANCHOR                    |               | VT-3        | FNP-0-NDE-100,23 |                                   |        |
| F-A<br>F1.10   | ALA1-4203-SI-R180<br>Figure 037 | TWO DIRECTIONAL RESTRAINT | -             | VT-3        | FNP-0-NDE-100.23 |                                   |        |
| F-A<br>F1.10   | ALA1-4203-SI-R215<br>Figure 037 | SWAY STRUT                | •             | VT-3        | FNP-0-NDE-100.23 |                                   |        |
| B-J<br>B9.11   | ALA1-4204-1<br>Figure 012       | PIPE TO BRANCH CONNECTION | ALA-6         | SUR         | FNP-0-NDE-100.5  |                                   |        |
| B-J<br>B9.11   | ALA1-4204-1<br>Figure 012       | PIPE TO BRANCH CONNECTION | ALA-6         | VOL         | FNP-0-NDE-100.44 |                                   | ,      |
| B√<br>B9.11    | ALA1-4204-2<br>Figure 012       | ELBOW TO PIPE             | ALA-6         | SUR         | FNP-0-NDE-100.5  |                                   |        |
| B√<br>B9.11    | ALA1-4204-2<br>Figure 012       | ELBOW TO PIPE             | ALA-6         | VOL         | FNP-0-NDE-100.44 | ·                                 |        |
| B√J<br>B9.40   | ALA1-4204-27 .<br>Figure 011    | PIPE TO BRANCH CONNECTION | •             | SUR         | FNP-0-NDE-100.5  |                                   |        |
| B-J<br>B9.40   | ALA1-4204-28<br>Figure 011      | ELBOW TO PIPE             | •             | SUR         | FNP-0-NDE-100.5  |                                   |        |
| B-J<br>B9.40   | ALA1-4204-29<br>Figure 011      | PIPE TO ELBOW             | •             | SUR         | FNP-0-NDE-100.5  |                                   |        |
| B-J<br>B9.11   | ALA1-4204-3<br>Figure 012       | PIPE TO ELBOW             | ALA-6         | VOL         | FNP-0-NDE-100.44 | ,                                 |        |
| B-J<br>B9.11   | ALA1-4204-3<br>Figure 012       | PIPE TO ELBOW             | ALA-6         | SUR         | FNP-0-NDE-100.5  |                                   |        |
| B-J<br>B9.40   | ALA1-4204-30<br>Figure 011      | TEE TO PIPE               | -             | SUR         | FNP-0-NDE-100.5  |                                   |        |

## J. M. FARLEY LAR PLANT OUTAGE PLAN Interval 3 Period 2 Outage 2

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| (89) Code Cat.<br>(89) Item No. | Component No.<br>Figure No.          | Component Desc.                    | Cal Block No. | Method<br>Sur Vol Vis | NDE Procedures   | Remarks |
|---------------------------------|--------------------------------------|------------------------------------|---------------|-----------------------|------------------|---------|
| B-J<br>B9.40                    | ALA1-4204-31<br>Figure 011           | PIPE TO TEE                        | •             | SUR                   | FNP-0-NDE-100.5  |         |
| B√<br>B9.11                     | ALA1-4204-4<br>Figure 012            | VALVE TO PIPE                      | ALA-6         | SUR                   | FNP-0-NDE-100.5  |         |
| B-J<br>B9.11                    | ALA1-4204-4<br>Figure 012            | VALVE TO PIPE                      | ALA-6         | VOL                   | FNP-0-NDE-100.44 |         |
| B-J<br>B9.11                    | ALA1-4204-5<br>Figure 012            | PIPE TO VALVE                      | ALA-6         | VOL                   | FNP-0-NDE-100.44 |         |
| B√<br>B9.11                     | ALA1-4204-5<br>Figure 012            | PIPE TO VALVE                      | ALA-6         | SUR                   | FNP-0-NDE-100.5  |         |
| B√<br>B9.11                     | ALA1-4204-6<br>Figure 012            | ELBOW TO PIPE                      | ALA-5         | VOL                   | FNP-0-NDE-100.44 |         |
| B√J<br>B9.11                    | ALA1-4204-6<br>Figure 012            | ELBOW TO PIPE                      | ALA-6         | SUR                   | FNP-0-NDE-100.5  |         |
| B√<br>B9.11                     | ALA1-4204-7<br>Figure 012            | PIPE TO ELBOW                      | ALA-6         | SUR                   | FNP-0-NDE-100.5  |         |
| B√<br>B9.11                     | ALA1-4204-7<br>Figure 012            | PIPE TO ELBOW                      | ALA-6         | VOL                   | FNP-0-NDE-100.44 |         |
| F-A<br>F1.10                    | ALA1-4204-SI-R239<br>Figure 037      | ONE DIRECTIONAL RESTRAINT          | -             | VT-3                  | FNP-0-NDE-100.23 |         |
| F-A<br>F1.10                    | ALA1-4204-SI-R240<br>Figure 037      | TWO DIRECTIONAL RESTRAINT          | -             | VT-3                  | FNP-0-NDE-100.23 |         |
| F-A<br>F1.10                    | ALA1-4204-SI-R242<br>Figure 037      | HYDRAULIC SNUBBER                  | -             | VT-3                  | FNP-0-NDE-100.23 | RR-12   |
| F-A<br>F1.10                    | ALA1-4204-SI-R248<br>Figure 037      | HYDRAULIC SNUBBER(2) W/ATTACH      | -             | VT-3                  | FNP-0-NDE-100.23 | RR-12   |
| B-K<br>B10.20                   | ALA1-4204-SI-R248 (W8)<br>Figure 028 | WELDED ATTACHMENT                  | •             | SUR                   | FNP-0-NDE-100.5  |         |
| F-A<br>F1.10                    | ALA1-4204-SI-R249<br>Figure 037      | TWO DIRECTIONAL RESTRAINT WIATTACH | •             | VT-3                  | FNP-0-NDE-100.23 |         |

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| (89) Item No.  | Figure No.                          | Component Desc.                    | Cal Block No. | Sur Vol Vis | NDE Procedures   | Remarks                                   |
| F-A<br>F1.10   | ALA1-4204-SI-R252<br>Figure 037     | TWO DIRECTIONAL RESTRAINT          | •             | VT-3        | FNP-0-NDE-100.23 | ·   |
| B√J<br>B9.11   | ALA1-4205-4<br>Figure 012           | PIPE TO ELBOW                      | ALA-7         | SUR         | FNP-0-NDE-100.5  |   |
| B-J<br>B9.11   | ALA1-4205-4<br>Figure 012           | PIPE TO ELBOW                      | ALA-7         | VOL         | FNP-0-NDE-100.44 |   |
| F-A<br>F1.10   | ALA1-4205-RC-R10<br>Figure 037      | HYDRAULIC SNUBBER                  | -             | VT-3        | FNP-0-NDE-100.23 | To be deleted per DCP 97-1-9211 RR-<br>12 |
| F-A<br>F1.10   | ALA1-4205-RC-R18<br>Figure 037      | TWO DIRECTIONAL RESTRAINT WIATTACH | •             | VT-3        | FNP-0-NDE-100.23 |   |
| F-A<br>F1.10   | ALA1-4205-RC-R20<br>Figure 037      | SPRING CAN (2) W/ATTACH            | •             | VT-3        | FNP-0-NDE-100.23 |   |
| B-K<br>B10.20  | ALA1-4205-RC-R20 (W4)<br>Figure 028 | WELDED ATTACHMENT                  | ·             | SUR         | FNP-0-NDE-100.5  | :   |
| F-A<br>F1.10   | ALA1-4205-RC-R237<br>Figure 037     | HYDRAULIC SNUBBER                  | •             | VT-3        | FNP-0-NDE-100.23 | To be deleted per DCP 97-1-9211 RR-<br>12 |
| F-A<br>F1.10   | ALA1-4205-RC-R26<br>Figure 037      | ONE DIRECTIONAL RESTRAINT          | -             | VT-3        | FNP-0-NDE-100.23 |   |
| F-A<br>F1.10   | ALA1-4205-RC-R32<br>Figure 037      | HYDRAULIC SNUBBER                  | -             | VT-3        | FNP-0-NDE-100.23 | To be deleted per DCP 97-1-9211 RR-<br>12 |
| F-A<br>F1.10   | ALA1-4205-RC-R8<br>Figure 037       | HYDRAULIC SNUBBER W/ATTACH         | •             | VT-3        | FNP-0-NDE-100.23 | To be deleted per DCP 97-1-9211 RR-<br>12 |
| F-A<br>F1.10   | ALA1-4207-CVCS-R508<br>Figure 037   | SWAY STRUT                         | •             | VT-3        | FNP-0-NDE-100.23 |   |
| F-A<br>F1.10   | ALA1-4207-CVCS-R514<br>Figure 037   | SPRING CAN                         | -             | VT-3        | FNP-0-NDE-100.23 |   |
| F-A<br>F1.10   | ALA1-4207-CVCS-R515<br>Figure 037   | HYDRAULIC SNUBBER                  | -             | VT-3        | FNP-0-NDE-100.23 | RR-12                                     |
| B-J<br>89.32   | ALA1-4208-1BC<br>Figure 014         | BRANCH CONNECTION                  |               | SUR         | FNP-0-NDE-100.5  |   |

| (89) Code Cat.<br>(89) Item No. | Component No.<br>Figure No.          | Component Desc.           | Cal Block No. | Method<br>Sur Voi Vis | NDE Procedures    | Remarks   |
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| B√J<br>B9.40                    | ALA1-4208-2<br>Figure 011            | PIPE TO PIPE              |               | SUR                   | FNP-0-NDE-100.5   |   |
| 8√J<br>B9.40                    | ALA1-4208-3<br>Figure 011            | ELBOW TO PIPE             |               | SUR                   | FNP-0-NDE-100.5   |   |
| B-J<br>B9.40                    | ALA1-4208-4<br>Figure 011            | PIPE TO ELBOW             |               | SUR                   | FNP-0-NDE-100.5   |   |
| F-A<br>F1.10                    | ALA1-4208-SS-4023<br>Figure 037      | TWO DIRECTIONAL RESTRAINT | -             | VT-3                  | FNP-0-NDE-100.23  |   |
| F-A<br>F1.10                    | ALA1-4209-SS-5688<br>Figure 037      | ONE DIRECTIONAL RESTRAINT | -             | VT-3                  | FNP-0-NDE-100.23  |   |
| B-M-2<br>B12.50                 | ALA1-4302-QV0326<br>Figure Internal  | GOPES VALVE               |               | VT-0                  | FNP-0-NDE-100.23  | Group 5. Inspect one per group if disassembled.   |
| B-M-2<br>B12.50                 | ALA1=4302-QV037C<br>Figure Internal  | COPES VALVE               |               | VT-3                  | FNP-0-NDE-100.23- | Group 5: Inspect one per group if disassembled.   |
| _B_M-2<br>B12.50                | ALA1-4303-QV021A<br>Figure Internal  | VELAN VALVE               |               | VT-3                  | FNP-0-NDE-100.23- | Group 2: Inspect one per group if disassembled.   |
| B-M-2<br>B12.50                 | ALA1-4304-QV051A<br>Figure Internal  | VELAN VALVE               |               | VT 3                  | -FNP-0-NDE-100.23 | Group 2. Inspect one per group if disassembled.   |
| <del>D-M-2</del><br>B12.50      | ALA1-4501-QV031A<br>Figure Internal  | CROSBY VALVE              |               | VT-3                  | -FNP-0-NDE-100.23 | Group 4. Inspect one per group if disassembled.   |
| B-M-2<br>B12.50                 | ALA1-4502-QV031B<br>Figure Internal  | CROSBY VALVE              |               | VT-8                  | -FNP-0-NDE-100:23 | Group 4: inspect one per group if disassembled.   |
| B-M-2<br>B12.50                 | ALA1-4503-QV0310-<br>Figure Internal | OROSBY VALVE              |               | VT-3                  | -FNP-0-NDE-100.23 | Group 4: Inspect one per group if disassembled.   |
| R-G/AUG<br>B1.14                | ALA1-5300-FW1<br>Figure              | RC PUMP FLYWHEEL          |               | SUR-AUG               | FNP-0-NDE-10034   | Perform surface exam on any flywheel that is disassembled. Any flywheel not previously disassembled & surface examined, will be given a volumetric exam on inner half-radius during third period. |

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| F-A<br>F1.20                    | ALA2-4150-FW-R45<br>Figure 037       | HYDRAULIC SNUBBER                      | -             | VT-3                  | FNP-0-NDE-100.23  | RR-12                          |   |
| C-F-2<br>C5.51                  | ALA2-4200-10<br>Figure 030           | PIPE TO PENETRATION                    | ALA-24        | SUR                   | FNP-0-NDE-100.11  |                                |   |
| C-F-2<br>C5.51                  | ALA2-4200-10<br>Figure 030           | PIPE TO PENETRATION                    | ALA-24        | VOL                   | FNP-0-NDE-100.43  |                                |   |
| F-A<br>F1.20                    | ALA2-4200-MS4-H10<br>Figure 037      | ONE DIRECTIONAL RESTRAINT (4) W/ATTACH | -             | VT-3                  | FNP-0-NDE-100.23  | ·                              |   |
| C-C<br>C3.20                    | ALA2-4200-MS4-H10 (W4)<br>Figure 028 | WELDED ATTACHMENT                      |               | SUR                   | FNP-0-NDE-100.11  | N-509                          |   |
| C-F-2<br>C5.51                  | ALA2-4201-1<br>Figure 030            | PENETRATION TO PIPE                    | ALA-24        | VOL-AUG               | FNP-0-NDE-100.247 | 100% of length using 1974 Code |   |
| C-F-2<br>C5.51                  | ALA2-4201-10<br>Figure 030           | PIPE TO VALVE                          | ALA-24        | VOL-AUG               | FNP-0-NDE-100,27  | 100% of length using 1974 Code |   |
| C-F-2<br>C5.81                  | ALA2-4201-12BC<br>Figure 013         | BRANCH CONNECTION                      | ALA-23        | VOL-AUG               | FNP-0-NDE-10027   | 100% of length using 1974 Code |   |
| C-F-2<br>C5.81                  | ALA2-4201-13BC<br>Figure 013         | BRANCH CONNECTION                      | ALA-23        | VOL-AUG               | FNP-0-NDE-100,247 | 100% of length using 1974 Code |   |
| C-F-2<br>C5.81                  | ALA2-4201-14BC<br>Figure 013         | BRANCH CONNECTION                      | ALA-23        | VOL-AUG               | FNP-0-NDE-100,34- | 100% of length using 1974 Code | C |
| C-F-2<br>C5.81                  | ALA2-4201-15BC<br>Figure 013         | BRANCH CONNECTION                      | ALA-23        | VOL-AUG               | FNP-0-NDE-10024   | 100% of length using 1974 Code |   |
| C-F-2<br>C5.51                  | ALA2-4201-16<br>Figure 030           | PIPE TO FLANGE                         | ALA-30        | VOL-AUG               | FNP-0-NDE-100.91  | 100% of length using 1974 Code |   |
| C-F-2<br>C5.51                  | ALA2-4201-17<br>Figure 030           | PIPE TO FLANGE                         | ALA-30        | VOL-AUG               | FNP-0-NDE-100,24  | 100% of length using 1974 Code |   |
| C-F-2<br>C5.51                  | ALA2-4201-18<br>Figure 030           | PIPE TO FLANGE                         | ALA-30        | VOL-AUG               | FNP-0-NDE-100.34  | 100% of length using 1974 Code |   |
| C-F-2<br>C5.51                  | ALA2-4201-19<br>Figure 030           | PIPE TO FLANGE                         | ALA-30        | VOL                   | FNP-0-NDE-100.43  | 100% of length using 1974 Code |   |

| (89) Code Cat.<br>(89) Item No. | Component No.<br>Figure No.  | Component Desc.   | Cal Block No.    | Method<br>Sur Vol Vis     | NDE Procedures                     | Remarks                                  |  |
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| C-F-2<br>C5.51                  | ALA2-4201-19<br>Figure 030   | PIPE TO FLANGE    | ALA-30           | SUR                       | FNP-0-NDE-100.11                   | 100% of length using 1974 Code           |  |
| C-F-2<br>C5.52                  | ALA2-4201-1L1<br>Figure 036  | PIPE LONG SEAM    | ALA-24           | VOL-AUG                   | FNP-0-NDE-100.21)                  |  |  |
| C-F-2<br>C5.51                  | ALA2-4201-2<br>Figure 030    | PIPE TO ELBOW     | ALA-24           | VOL <del>AUG</del><br>Sur | FAP-O-ADE-1002                     | 1300% of length using 1974 Code          |  |
| C-F-2<br>C5.81                  | ALA2-4201-21BC<br>Figure 514 | BRANCH CONNECTION | ALA-23<br>ALA-26 | VOL-AUG                   | FNP-0-NDE-10021                    | 100% of length using 1974 Code           |  |
| C-F-2<br>C5.51                  | ALA2-4201-22<br>Figure 030   | PIPE TO TEE       | ALA-26           | VOL-AUG                   | FNP-0-NDE-100,44                   | 100% of length using 1974 Code           |  |
| C-F-2<br>C5.51                  | ALA2-4201-23<br>Figure 030   | PIPE TO CAP       | ALA-26           | VOL-AUG                   | FNP-0-NDE-100,24                   | 100% of length using 1974 Code           |  |
| C-F-2<br>C5.51                  | ALA2-4201-24<br>Figure 030   | TEE TO PIPE       | ALA-26           | VOL-AUG                   | FNP-0-NDE-100.21                   | 100% of length using 1974 Code           |  |
| C-F-2<br>C5.51                  | ALA2-4201-25<br>Figure 030   | TEE TO CAP        | ALA-26           | VOL-AUG                   | FNP-0-NDE-10024                    | 100% of length using 1974 Code           |  |
| C-F-2<br>C5.81                  | ALA2-4201-26BC<br>Figure 0\4 | BRANCH CONNECTION | ALA-23<br>ALA-27 | SUR<br>NOL-AYG            | FNP-0-NDE-100.11<br>FNP-0-ND274045 | 100% of length using 1974 Code           |  |
| C-F-2<br>C5.51                  | ALA2-4201-27<br>Figure 030   | PIPE TO ELBOW     | ALA-27           | VOL-AUG                   | FNP-0-NDE-100,34°                  | 100% of length using 1974 Code           |  |
| C-F-2<br>C5.51                  | ALA2-4201-28<br>Figure 030   | ELBOW TO PIPE     | ALA-27           | VOL-AUG                   | FNP-0-NDE-100,34*                  | 100% of length using 1974 Code           |  |
| C-F-2<br>C5.51                  | ALA2-4201-29<br>Figure 030   | PIPE TO VALVE     | ALA-27           | VOL-AUG                   | FNP-0-NDE-100:21<br>-43            | 100% of length using 1974 Code           |  |
| C-F-2<br>C5.52                  | ALA2-4201-2L1<br>Figure 036  | ELBOW LONG SEAM   | ALA-24           | VOL-AUG                   | FNP-0-NDE-100,34*                  | N-524, 100% of length using 1974<br>Code |  |
| C-F-2<br>C5.51                  | ALA2-4201-3<br>Figure 030    | ELBOW TO PIPE     | ALA-24           | VOL-AUG                   | FNP-0-NDE-100,31<br>-43            | 100% of length using 1974 Code           |  |
| C-F-2<br>C5.51                  | ALA2-4201-30<br>Figure 030   | VALVE TO PIPE     | ALA-27           | SUR                       | FNP-0-NDE-100.11                   | 100% of length using 1974 Code           |  |

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| (89) Code Cat.<br>(89) Item No. | Co <del>mpone</del> nt No.<br>F <del>igure</del> No. | Component Desc. | Cal Block No. | Method<br>Sur Vol Vis | NDE Procedures         | Remarks                                  |          |
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| C-F-2<br>C5.51                  | ALA2-4201-30<br>Figure 030                           | VALVE TO PIPE   | ALA-27        | VOL                   | FNP-0-NDE-100,43       | 100% of length using 1974 Code           |          |
| C-F-2<br>C5.51                  | ALA2-4201-31<br>Figure 030                           | PIPE TO ELBOW   | ALA-27        | VOL-AUG               | FNP-0-NDE-100:21       | 100% of length using 1974 Code           |          |
| C-F-2<br>C5.51                  | ALA2-4201-32<br>Figure 030                           | ELBOW TO PIPE   | ALA-27        | VOL-AUG               | FNP-0-NDE-100.31       | 100% of length using 1974 Code           | ];       |
| C-F-2<br>C5.51                  | ALA2-4201-33<br>Figure 030                           | PIPE TO VALVE   | ALA-27        | VOL-AUG               | FNP-0-NDE-100/34"      | 100% of length using 1974 Code           | ď        |
| C-F-2<br>C5.51                  | ALA2-4201-34<br>Figure 030                           | VALVE TO PIPE   | ALA-27        | VOL-AUG               | FNP-0-NDE-100/21       | 100% of length using 1974 Code           |          |
| C-F-2<br>C5.51                  | ALA2-4201-35<br>Figure 030                           | PIPE TO VALVE   | ALA-27        | SUR                   | FNP-0-NDE-100.11       | 100% of length using 1974 Code           |          |
| C-F-2<br>C5.51                  | ALA2-4201-35<br>Figure 030                           | PIPE TO VALVE   | ALA-27        | VOL                   | FNP-0-NDE-100.43       | 100% of length using 1974 Code           |          |
| C-F-2<br>C5.52                  | ALA2-4201-3L1<br>Figure 036                          | PIPE LONG SEAM  | ALA-24        | VOL-AUG               | FNP-0-NDE-10031        | N-524, 100% of length using 1974<br>Code | - 70     |
| C-F-2<br>C5.51                  | ALA2-4201-4<br>Figure 030                            | PIPE TO ELBOW   | ALA-24        | VOL-AUG               | FNP-0-NDE-100.21       | 100% of length using 1974 Code           | Ç        |
| C-F-2<br>C5.52                  | ALA2-4201-4L1<br>Figure 036                          | ELBOW LONG SEAM | ALA-24        | VOL-AUG               | FNP-0-NDE-10031        | N-524, 100% of length using 1974<br>Code |          |
| C-F-2<br>C5.51                  | ALA2-4201-5<br>Figure 030                            | ELBOW TO PIPE   | ALA-28        | SUR                   | FNP-0-NDE-100.11       | 100% of length using 1974 Code           | <b>å</b> |
| C-F-2<br>C5.51                  | ALA2-4201-5<br>Figure 030                            | ELBOW TO PIPE   | ALA-28 24     | VOL                   | FNP-0-NDE-100.43       | 100% of length using 1974 Code           | å        |
| C-F-2<br>C5.52                  | ALA2-4201-5L1<br>Figure 036                          | PIPE LONG SEAM  | ALA-23        | VOL-AUG               | FNP-0-NDE-100.34       | N-524, 100% of length using 1974<br>Code |          |
| C-F-2<br>C5.51                  | ALA2-4201-7<br>Figure 030                            | PIPE TO PIPE    | ALA-23        | VOL-AUG               | FNP-0-NDE-100,21<br>43 | 100% of length using 1974 Code           |          |
| C-F-2<br>C5.52                  | ALA2-4201-7L1<br>Figure 036                          | PIPE LONG SEAM  | ALA-23        | VOL-AUG               | FNP-0-NDE-100,31       | N-524, 100% of length using 1974<br>Code |          |

| (89) Code Cat.<br>(89) Item No. | Component No.<br>Figure No.        | Component Desc.           | Cal Block No. | Method<br>Sur Vol Vis | NDE Procedures           | Remarks                                  |
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| C-F-2<br>C5,51                  | ALA2-4201-8<br>Figure 030          | PIPE TO VALVE             | ALA-23        | VOL                   | FNP-0-NDE-100,43         | 100% of length uoing 1974 Code-          |
| C-F-2<br>C5.51                  | ALA2-4201-8<br>Figure 030          | PIPE TO VALVE             | ALA-23-       | SUR-AUG<br>VT-3       | FNP-0-NDE-100.11         | 100% of length using 1974 Code           |
| C-F-2<br>C5.51                  | ALA2-4201-9<br>Figure 030          | VALVE TO PIPE             | ALA-24        | VOL-AUG               | FNP-0-NDE-100.27         | 100% of length using 1974 Code           |
| C-F-2<br>C5.52                  | ALA2-4201-9L1<br>Figure 036        | PIPE LONG SEAM            | ALA-24        | VOL-AUG               | FNP-0-NDE-100,21)<br>.43 | N-524, 100% of length using 1974<br>Code |
| F-A<br>F1.20                    | ALA2-4201-MS-R81<br>Figure 037     | ONE DIRECTIONAL RESTRAINT | •             | VT-3                  | FNP-0-NDE-100.23         |  |
| F-A<br>F1.20                    | ALA2-4250-AFW-R59<br>Figure 037    | SWAY STRUT                | -             | VT-3                  | FNP-0-NDE-100.23         |  |
| F-A<br>F1.20                    | ALA2-4250-FW-H8<br>Figure 037      | SPRING CAN (2) W/ATTACH   | •             | VT-3                  | FNP-0-NDE-100.23         |  |
| C-C<br>C3.20                    | ALA2-4250-FW-H8 (W2)<br>Figure 028 | WELDED ATTACHMENT         |               | SUR                   | FNP-0-NDE-100.11         | N-509                                    |
| F-A<br>F1.20                    | ALA2-4350-SCS-H708<br>Figure 037   | ONE DIRECTIONAL RESTRAINT | -             | VT-3                  | FNP-0-NDE-100.23         | , , , , ,                                |
| -                               | ALA2-4500-14<br>Figure 036         | VALVE TO PIPE             | ALA-24        | VOL-AUG               | FNP-0-NDE-100,21         | 100% of length using 1974 Code           |
| -                               | ALA2-4500-14L1<br>Figure 036       | PIPE LONG SEAM            | ALA-24        | VOL-AUG               | FNP-0-NDE-100,21         | N-524, 100% of length using 1974<br>Code |
| -                               | ALA2-4500-15<br>Figure 036         | PIPE TO PIPE              | ALA-24        | VOL-AUG               | FNP-0-NDE-100,81         | 100% of length using 1974 Code           |
| -                               | ALA2-4500-15L1<br>Figure 036       | PIPE LONG SEAM            | ALA-24        | VOL-AUG               | FNP-0-NDE-100,31         | N-524, 100% of length using 1974<br>Code |
| -                               | ALA2-4500-16<br>Figure 036         | PIPE TO ELBOW             | ALA-24        | VOL-AUG               | FNP-0-NDE-100.21         | 100% of length using 1974 Code           |
| - \                             | ALA2-4500-16L1<br>Figure 036       | ELBOW LONG SEAM           | ALA-24        | VOL-AUG               | FNP-0-NDE-100,217        | N-524, 100% of length using 1974<br>Code |

| 89) Code Cat.<br>(89) Item No. | Component No.<br>Figure No.  | Component Desc.   | Cal Block No. | Method<br>Sur Vol Vis | NDE Procedures     | Remarks                                  |
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| •                              | ALA2-4500-17<br>Figure 036   | ELBOW TO PIPE     | ALA-24        | VOL-AUG               | FNP-0-NDE-100,217  | 100% of length using 1974 Code           |
| •                              | ALA2-4500-17L1<br>Figure 036 | PIPE LONG SEAM    | ALA-24        | VOL-AUG               | FNP-0-NDE-100.247  | N-524, 100% of length using 1974<br>Code |
| -                              | ALA2-4500-18<br>Figure 036   | PIPE TO TEE       | ALA-24        | VOL-AUG               | FNP-0-NDE-100.31   | 100% of length using 1974 Code           |
| -                              | ALA2-4500-30BC<br>Figure 624 | BRANCH CONNECTION | APR-4         | VOL-AUG               | FNP-0-NDE-1005/    | 100% of length using 1974 Code           |
| -<br>-                         | ALA2-4500-32<br>Figure 636   | PIPE TO PIPE      | ALA-26        | VOL-AUG               | FNP-0-NDE-100.34   | 100% of length using 1974 Code           |
| -                              | ALA2-4500-33<br>Figure 036   | PIPE TO TEE       | ALA-26        | VOL-AUG               | FNP-0-NDE-100,21   | 100% of length using 1974 Code           |
| -                              | ALA2-4500-34<br>Figure 036   | TEE TO CAP        | ALA-26        | VOL-AUG               | FNP-0-NDE-10026    | 100% of length using 1974 Code           |
| •                              | ALA2-4500-35<br>Figure 036   | TEE TO PIPE       | ALA-26        | VOL-AUG               | FNP-0-NDE-100,34   | 100% of length using 1974 Code           |
| -                              | ALA2-4500-36<br>Figure 036   | PIPE TO CAP       | ALA-26        | VOL-AUG               | FNP-0-NDE-10021    | 100% of length using 1974 Code           |
| -                              | ALA2-4500-37BC<br>Figure 036 | BRANCH CONNECTION | APR-4         | VOL-AUG               | FNP-0-NDE-100.21   | 100% of length using 1974 Code           |
| -                              | ALA2-4500-4<br>Figure 036    | TEE TO TEE        | APR-4         | VOL-AUG               | FNP-0-NDE-100.3/   | 100% of length using 1974 Code           |
| -                              | ALA2-4500-4L1<br>Figure 036  | TEE LONG SEAM     | APR-4         | VOL-AUG               | FNP-0-NDE-100.21   | N-524, 100% of length using 1974<br>Code |
| -                              | ALA2-4500-5<br>Figure 036    | TEE TO TEE        | APR-4         | VOL-AUG               | FNP-0-NDE-100,21   | 100% of length using 1974 Code           |
| -                              | ALA2-4500-5L1<br>Figure 036  | TEE LONG SEAM     | APR-4         | VOL-AUG               | FNP-0-NDE-100,34*) | N-524, 100% of length using 1974<br>Code |
|                                | ALA2-4500-9<br>Figure        | VALVE TO PIPE     | ALA-24        | VOLAUG                | ENP-0-NDE-100.31   | -100% of length using 1974 Code          |

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| (89) Code Cat.<br>(89) Item No. | Component No.<br>Figure No.            | Component Desc.                     | Cal Block No. | Method<br>Sur Vol Vis | NDE Procedures   | Remarks |
| F-A<br>F1.20                    | ALA2-4501-RHR5-R40<br>Figure 037       | SWAY STRUT                          | •             | VT-3                  | FNP-0-NDE-100.23 |         |
| F-A<br>F1.20                    | ALA2-4502-RHR6-R68<br>Figure 037       | HYDRAULIC SNUBBER                   | -             | VT-3                  | FNP-0-NDE-100.23 | RR-12   |
| F-A<br>F1.20                    | ALA2-4504-RHR2-R74<br>Figure 037       | 3 DIRECTIONAL RESTRAINT<br>WIATTACH | -             | VT-3                  | FNP-0-NDE-100.23 |         |
| C-C<br>C3.20                    | ALA2-4504-RHR2-R74 (W8)<br>Figure 028  | WELDED ATTACHMENT                   | -             | SUR                   | FNP-0-NDE-100.5  | N-509   |
| F-A<br>F1.20                    | ALA2-4504-RHR2-R78<br>Figure 037       | ONE DIRECTIONAL RESTRAINT           | -             | VT-3                  | FNP-0-NDE-100.23 |         |
| F-A<br>F1.20                    | ALA2-4506-RHR10-R22<br>Figure 037      | ONE DIRECTIONAL RESTRAINT WIATTACH  | -             | VT-3                  | FNP-0-NDE-100.23 |         |
| C-C<br>C3.20                    | ALA2-4506-RHR10-R22 (WS)<br>Figure 028 | WELDED ATTACHMENT                   | -             | SUR                   | FNP-0-NDE-100.5  | N-509   |
| F-A<br>F1.20                    | ALA2-4513-CVC-R205<br>Figure 037       | TWO DIRECTIONAL RESTRAINT WIATTACH  | -             | VT-3                  | FNP-0-NDE-100.23 |         |
| C-C<br>C3,20                    | ALA2-4513-CVC-R205 (W4)<br>Figure 028  | WELDED ATTACHMENT                   | -             | SUR                   | FNP-0-NDE-100.5  | N-509   |
| F-A<br>F1.20                    | ALA2-4514-SI-R302<br>Figure 037        | TWO DIRECTIONAL RESTRAINT           | -             | VT-3                  | FNP-0-NDE-100.23 |         |
| F-A<br>F1.20                    | ALA2-4515-SI-R84<br>Figure 037         | SPRING CAN                          |               | VT-3                  | FNP-0-NDE-100.23 |         |
| F-A<br>F1.20                    | ALA2-4517-SI-R204<br>Figure 037        | SWAY STRUT (2)                      | -             | VT-3                  | FNP-0-NDE-100.23 |         |
| F-A<br>F1.20                    | ALA2-4518-SI-R16<br>Figure 037         | SWAY STRUT                          | -             | VT-3                  | FNP-0-NDE-100.23 |         |
| C-F-1<br>C5.21                  | ALA2-4524-9<br>Figure 030              | PIPE TO VALVE                       | APR-2         | SUR                   | FNP-0-NDE-100.5  |         |
| C-F-1<br>C5.21                  | ALA2-4524-9<br>Figure 030              | PIPE TO VALVE                       | APR-2         | VOL                   | FNP-0-NDE-100,44 |         |

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| (89) Code Cat. | Component No.                   |                           |               | Method      |                  | •       |
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| (89) Item No.  | Figure No.                      | Component Desc.           | Cal Block No. | Sur Voi Vis | NDE Procedures   | Remarks |
| C-F-1<br>C5.21 | ALA2-4526-2<br>Figure 030       | REDUCER TO PIPE           | APR-2         | VOL         | FNP-0-NDE-100.44 |         |
| C-F-1<br>C5.21 | ALA2-4526-2<br>Figure 030       | REDUCER TO PIPE           | APR-2         | SUR         | FNP-0-NDE-100.5  |         |
| F-A<br>F1.20   | ALA2-4527-CVC-R62<br>Figure 037 | TWO DIRECTIONAL RESTRAINT | -             | VT-3        | FNP-0-NDE-100.23 |         |
| C-F-1<br>C5.21 | ALA2-4532-9<br>Figure 030       | PIPE TO REDUCER TE E      | ALA-7         | VOL         | FNP-0-NDE-100.44 |         |
| C-F-1<br>C5.21 | ALA2-4532-9<br>Figure 030       | PIPE TO REDUCER TEE       | ALA-7         | SUR         | FNP-0-NDE-100.5  |         |
| C-F-1<br>C5.11 | ALA2-4602-2<br>Figure 030       | PIPE TO ELBOW             | ALA-50        | SUR         | FNP-0-NDE-100.5  |         |
| C-F-1<br>C5.11 | ALA2-4602-2<br>Figure 030       | PIPE TO ELBOW             | ALA-50        | VOL         | FNP-0-NDE-100.44 |         |
| C-F-1<br>C5.11 | ALA2-4602-3<br>Figure 030       | ELBOW TO PIPE             | ALA-50        | SUR         | FNP-0-NDE-100.5  |         |
| C-F-1<br>C5.11 | ALA2-4602-3<br>Figure 030       | ELBOW TO PIPE             | ALA-50        | VOL         | FNP-0-NDE-100.44 |         |
| C-F-1<br>C5.11 | ALA2-4602-5<br>Figure 030       | PIPE TO ELBOW             | ALA-50        | VOL         | FNP-0-NDE-100.44 |         |
| C-F-1<br>C5.11 | ALA2-4602-5<br>Figure 030       | PIPE TO ELBOW             | ALA-50        | SUR         | FNP-0-NDE-100.5  |         |
| C-F-1<br>C5.11 | ALA2-4602-6<br>Figure 030       | ELBOW TO PIPE             | ALA-50        | VOL         | FNP-0-NDE-100.44 | -       |
| C-F-1<br>C5.11 | ALA2-4602-6<br>Figure 030       | ELBOW TO PIPE             | ALA-50        | SUR         | FNP-0-NDE-100.5  |         |
| C-F-1<br>C5.11 | ALA2-4603-2<br>Figure 030       | PIPE TO ELBOW             | ALA-50        | SUR         | FNP-0-NDE-100.5  |         |
| C-F-1<br>C5.11 | ALA2-4603-2<br>Figure 030       | PIPE TO ELBOW             | ALA-50        | VOL         | FNP-0-NDE-100.44 |         |

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| (89) Code Cat.<br>(89) Item No. | Component No.<br>Figure No.        | Component Desc.                 | Cal Block No. | Method<br>Sur Vol Vis | NDE Procedures        | Remarks |  |
|---------------------------------|------------------------------------|---------------------------------|---------------|-----------------------|-----------------------|---------|--|
| C+F+1<br>C5:11                  | ALA2=4603-7<br>Figure 030          | PIPE TO ELBOW                   | ALA-50        | cur                   | FNP-0-NDE-100.5       |         |  |
| -0-[-1                          | ALA2-4603-7                        | PIPE TO ELDOW                   | ALA-60        | VOL                   | -FNP-0-NDE-100.44     |         |  |
| C5.11<br>C-F-1                  | Figure 030<br>ALA2-4604-6          | PIPE TO ELBOW                   | ALA-49        | VOL                   | FNP-0-NDE-100.44      |         |  |
| C5.11                           | Figure 030                         | THE TO LEDOW                    | 757-10        | 102                   | (111 -0-110 & 100.11) |         |  |
| C-F-1<br>C5.11                  | ALA2-4604-6<br>Figure 030          | PIPE TO ELBOW                   | ALA-49        | SUR                   | FNP-0-NDE-100.5       |         |  |
| C-F-1<br>C5.11                  | ALA2-4604-7<br>Figure 030          | ELBOW TO PIPE                   | ALA-49        | VOL                   | FNP-0-NDE-100.44      |         |  |
| C-F-1<br>C5.11                  | ALA2-4604-7<br>Figure 030          | ELBOW TO PIPE                   | ALA-49        | SUR                   | FNP-0-NDE-100.5       | ·       |  |
| F-A<br>F1.20                    | ALA2-4604-SI-R4<br>Figure 037      | 3 DIRECTIONAL RESTRAINT WATTACH | -             | VT-3                  | FNP-0-NDE-100.23      |         |  |
| C-C<br>C3.20                    | ALA2-4604-SI-R4 (WS)<br>Figure 028 | WELDED ATTACHMENT               | •             | SUR                   | FNP-0-NDE-100.5       | N-509   |  |
| C-F-1<br>C5.11                  | ALA2-4605-11<br>Figure 030         | PIPE TO ELBOW                   | ALA-49        | SUR                   | FNP-0-NDE-100.5       |         |  |
| C-F-1<br>C5.11                  | ALA2-4605-11<br>Figure 030         | PIPE TO ELBOW                   | ALA-49        | VOL                   | FNP-0-NDE-100.44      |         |  |
| C-F-1<br>C5.11                  | ALA2-4605-12<br>Figure 030         | ELBOW TO PIPE                   | ALA-49        | VOL                   | FNP-0-NDE-100.44      |         |  |
| C-F-1<br>C5.11                  | ALA2-4605-12<br>Figure 030         | ELBOW TO PIPE                   | ALA-49        | SUR                   | FNP-0-NDE-100.5       |         |  |
| C-F-1<br>C5.11                  | ALA2-4805-14<br>Figure 030         | PIPE TO ELBOW                   | ALA-49        | VOL                   | FNP-0-NDE-100.44      |         |  |
| C-F-1<br>C5.11                  | ALA2-4605-14<br>Figure 030         | PIPE TO ELBOW                   | ALA-49        | SUR                   | FNP-0-NDE-100.5       |         |  |
| C-F-1<br>C5.11                  | ALA2-4605-15<br>Figure 030         | ELBOW TO PIPE                   | ALA-49        | SUR                   | FNP-0-NDE-100.5       |         |  |

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| (89) Code Cat.<br>(89) Item No. | Component No.<br>Figure No.     | Component Desc.           | Cal Block No. | Method<br>Sur Vol Vis | NDE Procedures    | Remarks |   |
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| C-F-1<br>C5.11                  | ALA2-4605-15<br>Figure 030      | ELBOW TO PIPE             | ALA-49        | VOL                   | FNP-0-NDE-100.44  |         |   |
| C-F-1<br>C5.11                  | ALA2-4605-20<br>Figure 030      | PIPE TO VALVE             | ALA-49        | SUR                   | FNP-0-NDE-100.5   |         |   |
| C-F-1<br>C5.11                  | ALA2-4605-20<br>Figure 030      | PIPE TO VALVE             | ALA-49        | VOL                   | FNP-0-NDE-100.44  |         |   |
| C-F-1<br>C5.11                  | ALA2-4885-5<br>Figure 030       | ELBOW TO PIPE             | ALA-49        | SUR                   | FNP-0-NDE-100.5   |         |   |
| <del>C-F-1</del><br>C5.11       | ALA2-4605-5<br>Figure 030       | ELBOW TO PIPE             | ALA-49        | VOL                   | FNP-0-NDE-100.44  |         |   |
| F-A<br>F1.20                    | ALA2-4605-SI-R9<br>Figure 037   | ONE DIRECTIONAL RESTRAINT | -             | VT-3                  | FNP-0-NDE-100.23  |         |   |
| C-F-1<br>C5.21                  | ALA2-4609-1<br>Figure 030       | TEE TO ELBOW              | APR-2         | SUR                   | FNP-0-NDE-100.5   |         |   |
| C-F-1<br>C5.21                  | ALA2-4609-1<br>Figure 030       | TEE TO SECONT             | APR-2         | VOL                   | FNP-0-NDE-100.44  |         |   |
| C-F-1<br>C5.21                  | ALA2-4609-8<br>Figure 030       | PIPE TO FLANGE            | ALA-7         | SUR                   | FNP-0-NDE-100.5   |         |   |
| C-F-1<br>C5.21                  | ALA2-4609-8<br>Figure 030       | PIPE TO FLANGE            | ALA-7         | VOL                   | FNP-0-NDE-100.44  | ;       |   |
| C-F-1<br>C5.21                  | ALA2-4610-2<br>Figure 030       | TEE TO PIPE               | APR-2         | - cur                 | FNP-0-NDE-100.5   |         |   |
| C-E-1<br>C5.21                  | ALA2-4610-2<br>Figure 030       | TEE TO PIPE               | APR-2         | VOL                   | FNP-0-NDE-100.44. |         |   |
| C-F-1<br>C5.21                  | ALA2-4610-8<br>Figure 030       | VALVE TO PIPE             | APR-2         | SUR                   | FNP-0-NDE-100.5   |         | į                                       |
| C-F-1<br>C5.21                  | ALA2-4610-8<br>Figure 030       | VALVE TO PIPE             | APR-2         | VOL                   | FNP-0-NDE-100.44  |         |   |
| F-A<br>F1.20                    | ALA2-4612-SI-R268<br>Figure 037 | ONE DIRECTIONAL RESTRAINT | . <b>-</b>    | VT-3                  | FNP-0-NDE-100.23  |         | *************************************** |

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| (89) Code Cat. | Component No.                   |                           |               | Method      |                  |         |
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| (89) Item No.  | Figure No.                      | Component Desc.           | Cal Block No. | Sur Vol Vis | NDE Procedures   | Remarks |
| F-A<br>F1.20   | ALA2-4612-SI-R272<br>Figure 037 | TWO DIRECTIONAL RESTRAINT | •             | VT-3        | FNP-0-NDE-100.23 |         |
| C-F-1<br>C5.30 | ALA2-4616-15<br>Figure 030      | COUPLING TO PIPE          | •             | SUR         | FNP-0-NDE-100.5  |         |
| C-F-1<br>C5.30 | ALA2-4616-7<br>Figure 030       | VALVE TO PIPE             | -             | SUR         | FNP-0-NDE-100.5  |         |
| F-A<br>F1.20   | ALA2-4616-SS-2008<br>Figure 037 | TWO DIRECTIONAL RESTRAINT | -             | VT-3        | FNP-0-NDE-100.23 |         |
| C-F-1<br>C5.30 | ALA2-4617-14<br>Figure 030      | PIPE TO ELBOW             | -             | SUR         | FNP-0-NDE-100.5  |         |
| C-F-1<br>C5.30 | ALA2-4617-2<br>Figure 030       | PIPE TO COUPLING          | •             | SUR         | FNP-0-NDE-100.5  |         |
| F-A<br>F1.20   | ALA2-4617-SS-4007<br>Figure 037 | ONE DIRECTIONAL RESTRAINT | -             | VT-3        | FNP-0-NDE-100.23 |         |
| F-A<br>F1.20   | ALA2-4617-SS-4016<br>Figure 037 | ANCHOR 2 U-BOLTS          | -             | VT-3        | FNP-0-NDE-100.23 |         |
| F-A<br>F1.20   | ALA2-4625-SI-R32<br>Figure 037  | SPRING CAN                | -             | VT-3        | FNP-0-NDE-100.23 |         |
| F-A<br>F1.20   | ALA2-4625-SI-R37<br>Figure 037  | ONE DIRECTIONAL RESTRAINT | -             | VT-3        | FNP-0-NDE-100.23 |         |
| F-A<br>F1.20   | ALA2-4632-SI-R55<br>Figure 037  | TWO DIRECTIONAL RESTRAINT | -             | VT-3        | FNP-0-NDE-100.23 |         |
| C-F-1<br>C5.30 | ALA2-4635-6<br>Figure ()3()     | PIPE TO VALVE             | -             | SUR         | FNP-0-NDE-100.5  |         |
| F-A<br>F1.20   | ALA2-4635-SS-1983<br>Figure 037 | ANCHOR 2 U-BOLTS          | -             | VT-3        | FNP-0-NDE-100.23 |         |

| (89) Code Cat.  | Component No.                  | T                               |               | Method      |                  | T                              |
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| (89) Item No.   | Figure No.                     | Component Desc.                 | Cal Block No. | Sur Vol Vis | NDE Procedures   | Remarks                        |
| -B-K            | MAI-4105-RC-R40(WB)            | MENDED                          |               |             | _                |                                |
| -               | Figure 028                     | ATTACH ME NT                    |               | SUR         | FAPO-ADE-100.5   |                                |
| B10,20<br>C-F-2 | ALAZ-4201-20                   | San As Els                      |               | <u> </u>    |                  | Land of land with              |
| 5.51            | Figure 030                     | Pipe to Flange                  | ALA-30        | 1           |                  | 100% of length using 1974 Code |
| _               | ALAZ-4500-31BC<br>Figure 036   | Branch Connection to Pipe       | ALA-24        | VOL-AUG     | FNP-0-NDE-100H3  | 100% of length using 1974 Code |
| C-F-1           | ALA2-4605-10                   | Elbow to Pipe                   | ALA-49        | SUR         | FNP-O-NDE-100-5  |                                |
| <u>c 5.11</u>   | Figure 030<br>ALA 2-4201 -11BC | 9-1                             | A) = -5       | YOL         | FNP-0-101-100-41 | Longov C L                     |
| c-15-2<br>C5-81 | Figure 013                     | Branch Connection               | ALA-23        | VOL-AUG     | FNP O-NDE-10043  | 1974 Code                      |
| C-F-1           | ALAZ-4603-5                    |                                 |               | SUR         | FNP-0-NDE-1005   |                                |
| C5.11           | Figure 030                     | PIPE TO ELBOW                   | ALA-50        | Voh         | FIRO-NOS-100.44  |                                |
| C-F-1           | ALA2-4610-9                    |                                 |               | SUR         | FUN-0-100-5      |                                |
| C5.21           | Figure 030                     | PIPE TO TEE                     | APR-2         | NOF         | FNP-0-NDE-10044  | :                              |
| C-F-2<br>C5.51  | ALAZ-4201- 36                  |                                 | ALA-23        | Vent Mac    | END and DE mall? | 100/0 of length using          |
| C-F-2<br>C 5.52 | ALA2-4201 - 36 L I<br>Figure   | Pipe to Pipe<br>Pipe Long. Seam | ALA-23        | VOL-AUG     | EHB-0-405-100-43 | 1974 Cade<br>1974 Code         |
|                 | Figure                         |                                 |               | :           |                  |                                |
|                 | Figure                         |                                 |               |             |                  |                                |
| ·               | Figure                         |                                 |               |             |                  |                                |
|                 | Figure                         |                                 |               |             |                  |                                |
|                 | Figure                         |                                 |               |             |                  |                                |

Joseph M. Farley Nuclear Plant – Unit 1 Interval 3, Period 2, Outage 2 Inservice Inspection Report

Tab D

### Form NIS-2 Owner's Report for Repairs or Replacements As required by the provisions of the ASME Code Section XI

RType: L1.52

| As required by the                  | provisions of the AS  | ME Code Secti                | IOD XI    |                              |                | Job Number                            | <u></u>   |                |   |                       |
|-------------------------------------|---|------------------------------|-----------|------------------------------|----------------|---------------------------------------|-----------|----------------|---|-----------------------|
| 4                                   |   |                              |           |                              |                | ]                                     |           |                | <b>C</b> 14                             |                       |
| 1. Owner                            |   |                              | 2. Pla    |                              |                | B11-WO2004                            | 201       |                | Sheet<br>Unit 1                         | 1 of 2                |
|                                     | n Nuclear Operatir  | g Company                    | Z. FIA    |                              | ley Nu         | clear Plant                           |           | - 1            | OBIL 1                                  |                       |
| 40 Inver                            | ness Center Parkw   | ay                           |           | Hig                          | hway 9         | 95 South                              |           | l              |   | <del></del>           |
|                                     | ham, Alabama 352<br>t for Alabama Pow                       |                              | · .       | Col                          | umbia          | , Alabama 363                         | 19        | i              | Date                                    |                       |
| (as agen                            | t ioi Alabama Fuw   | er Company)                  |           |                              |                | <del></del> .                         |           |                | 4/29/03                                 | <b>)</b>              |
| 3. Work perfo                       | •   |                              |           |                              | _              | Type Code S                           | ymbol St  | amp<br>N/A     |   |                       |
| Name : W                            | estinghouse Electric  | Company                      |           |                              |                | Authorization                         | n Numbe   |                |   |                       |
| A 44                                | D O Por 1   | SS Distahamal                | L DA 16   | 320 A255                     |                |                                       |           | N/A            |   |                       |
| Address:                            | P. U. BOX 3   | 55, Pittsburg                | n, PA 15  | 230-0355                     |                | Expiration D                          | ate       | N/A            |   |                       |
| 4. Identification                   | n of System   | QIE                          | 311, Unit | 1 Reactor Ve                 | ssel &         | Head                                  |           | •              |   | ,                     |
| 5.                                  |   |                              |           |                              | · · · · · · ·  | · · · · · · · · · · · · · · · · · · · |           |                | *************************************** |                       |
| (a) Applicable Co (b) Applicable Se | enstruction Code:<br>ction XI Utilized For                  | ASME Sect<br>Repairs Or Repl |           | 19 <u>68</u><br>19 <u>89</u> | Editi<br>Editi |                                       |           | enda,<br>enda, | N/A<br>N/A                              | Code Case             |
| 6. Identification                   | on of Components I  | Repaired or R                | eplaced   | and Replace                  | ment (         | Components:                           |           |                |   |                       |
| Name of                             | Name of   | Manufact                     | turer     | National                     | 1              | Other                                 | Year      | Repa           | ired,                                   | ASME                  |
| Component                           | Manufacturer  | Serial Nu                    | mber      | Board                        | Id             | entification                          | Built     | Replac         | ced, or                                 | Code                  |
|                                     |   |                              |           | No.                          |                |                                       | Repl      |                | ement                                   | Stamped<br>(Yes / No) |
| Part-Length<br>CRDM Housing         | Royal Industries,<br>E.P.D                                  | RA70-1                       | 64        | 135                          | RI d           | trawing 121C142 1972 Repla            |           | cement         | Yes                                     |                       |
| Part-Length<br>CRDM Housing         | Royal Industries,<br>E.P.D                                  | RA70-1                       | 49        | 137                          | RI d           | rawing 121C142                        | 1972      | Replac         | cement                                  | Yes                   |
| Part-Length<br>CRDM Housing         | Royal Industries,<br>E.P.D                                  | RA70-1                       | 44        | 136                          | RI d           | rawing 121C142                        | 1972      | Replac         | cement                                  | Yes                   |
| Part-Length<br>CRDM Housing         | Royal Industries,<br>E.P.D                                  | RA70-1                       | 46        | 138                          | RI d           | rawing 121C142                        | 1972      | Replac         | ement                                   | Yes                   |
| Part-Length<br>CRDM Housing         | Royal Industries,<br>E.P.D                                  | RA70-1                       | 47        | 139                          | RI d           | rawing 121C142                        | 1972      | Replac         | cement                                  | Yes                   |
|                                     |   |                              |           |                              |                |                                       |           |                |   |                       |
|                                     |   |                              | ,         |                              |                |                                       |           |                |   |                       |
|                                     |   |                              |           |                              |                |                                       |           |                |   |                       |
|                                     |   |                              |           |                              |                |                                       |           |                |   |                       |
|                                     | f Work<br>actor Vessel Head Part<br>in in accordance with I |                              |           |                              |                |                                       | sembled a | and modifi     | ied with                                | a scal-               |
| 8. Test Conduct Hydros Pressur      | tatic Pneumat   | ic Norma                     | _         | _                            | <u> </u>       | None Ch                               | er        |                |   |                       |

### Form NIS-2 Owner's Report for Repairs or Replacements As required by the provisions of the ASME Code Section XI

RType: L1.52

| as required by the provisions of the Advine code section in  | Job Number                                |                        |
|--|---|------------------------|
|  |   |                        |
|  | B11-WO2004201                             | Sheet 2 of 2           |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached)   |   |                        |
| Installation and welding activites were performed by Westinghouse Electric Company in  | n accordance with procedure MRS-S         | SP-1443.               |
| The normal operating pressure leak test was performed by SNC per FNP-1-SOP-1.4.  |   |                        |
| The modified plug assemblies include plugs (Westinghouse part number 6469E90H05), spacers (  | Westinghouse part number 6469E90H06       | ),                     |
| And dowel pins (Westinghouse part number 6469E90H07).  | · · · · · · · · · · · · · · · · · · ·     |                        |
|  |   |                        |
|  |   |                        |
|  |   |                        |
|  |   |                        |
| Certificate of Complian  | ıce                                       |                        |
| We will do the state of the sta |   | A Al 1 CAL-            |
|  | replacement conform<br>or replacement     | ns to the rules of the |
|  | į   |                        |
| Type Code Symbol Stamp   | N/A                                       |                        |
| Certificate of Authorization Number N/A  | Expiration Date                           | N/A                    |
|  |   |                        |
| Signed Engineering Support Ma Owner's Designee, Title  | mager Date 5//Z/63                        | <u>}</u>               |
| Owner or Owner's Designee, Title   |   |                        |
| ·  |   |                        |
| Continue of Inventor Inc.  | 4   |                        |
| Certificate of Inservice Ins   | pection                                   |                        |
| I, the undersigned, holding a valid commission issued by the National Board of   | Boiler and Pressure Vessel Insp           | ectors and the State   |
| or Province of Georgia and employed by WARTECE   | D STEAM BUILER OF C                       | 7 of                   |
| HARTFORD, CONNECTICAL  | have inspected the con                    |                        |
| in this Owner's Report during the period 4/14/03 to to the best of my knowledge and belief, the Owner has performed examinations   |   | , and state that       |
| Owner's Report in accordance with the requirements of the ASME Code, Section 1.  |   | escribed in dis        |
| By signing this certificate neither the Inspector nor his employer makes any wa  |   | cerning the            |
| examinations and corrective measures described in this Owner's Report. Furth   | ermore, neither the Inspector nor         | his employer shall     |
| be liable in any manner for any personal injury or property damage or loss of a inspection.  | ny kind arising from or connected         | d with this            |
| inspection.  |   |                        |
| Commissions  | 77¢                                       | TAIR                   |
| Inspector's Signature  | N 328 National Board, State, Province, an | d Endorsements         |
|  |   |                        |
| Date <u>5/15/03</u>  |   |                        |
| •  |   |                        |

As required by the provisions of the ASME Code Section XI Job Number B13 DCP 9535.01 Sheet 1 of 2 2. Plant Unit 1. Owner **Southern Nuclear Operating Company** Farley Nuclear Plant FNP 1 40 Inverness Center Parkway Highway 95 South Birmingham, Alabama 35242 Columbia, Alabama 36319 (as agent for Alabama Power Company) 3/26/03 3. Work performed by Type Code Symbol Stamp Name: Southern Nuclear Operating Company Outage and Modifications **Authorization Number** N/A Address: Joseph M. Farley Nuclear Plant **Expiration Date** N/A 4. Identification of System REACTOR COOLANT SYSTEM 5. AISC N/A N/A Code Case (a) Applicable Construction Code: 19 69 Edition Addenda, 19 89 Edition (b) Applicable Section XI Utilized For Repairs Or Replacements, NA Addenda, NA Code Case 6. Identification of Components Repaired or Replaced and Replacement Components: National Name of Name of Manufacturer Other Year Repaired. **ASME** Component Manufacturer Serial Number Board Identification Built Replaced, or Code Replacement No. Stamped (Yes/No) PIPE SUPPORT SNC N/A RC-R100 2003 REPLACEMENT NO 7. Description of Work PIPE SUPPORT RC-R100 MODIFIED PER DCP 9535 & WO# 3000824 8. Test Conducted ☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☐ None ☐ Other Pressure PSI Temperature \_\_\_\_\_ °F

### Form NIS-2 Owner's Report for Repairs or Replacements As required by the provisions of the ASME Code Section XI RType: L1.52 Job Number Sheet 2 of 2 B13 DCP 9535.01 9. Remarks (Applicable Manufacturer's Data Reports to be attached) **Certificate of Compliance** We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement Type Code Symbol Stamp N/A Certificate of Authorization Mumber **Expiration Date** Owner or Owner's Designee, Title

|  | 7.00   |   |                                     |  |   |  |
|--|--|---|-------------------------------------|--|---|--|
|  |  | Certificate of In   | service                             | Inspection                             | 1   |  |
| I, the undersigned, holding or Province of   | 91A  |   |                                     |  | ABBOILER OF                                 |  |
| in this Owner's Report du<br>to the best of my knowled<br>Owner's Report in accord<br>By signing this certificate<br>examinations and correcti<br>be liable in any manner for<br>inspection. | ring the period ge and belief, the ( ance with the requ neither the Inspect ve measures descri | Owner has performed irements of the ASM tor nor his employer ibed in this Owner's | IE Code, S<br>makes an<br>Report. I | Section XI. y warranty, e Furthermore, | expressed or implied, neither the Inspector | , and state that res described in this concerning the nor his employer shall |
| Inspector  | 's Signature   | Commis  | ssions _                            | GN 3 Z E<br>Nationa                    | 3<br>al Board, State, Province              | e, and Endorsements  |
| Date 4/29/03   |  |   |                                     |  |   |  |

### Form NIS-2 Owner's Report for Repairs or Replacements As required by the provisions of the ASME Code Section XI

| As Icquired by the              | provisions of the As                              | THE COURSE                            |                            | •                                | - 4                                    | Job Number                       |                            |                          |                       |                   |
|---------------------------------|---|---------------------------------------|----------------------------|----------------------------------|--|----------------------------------|----------------------------|--------------------------|-----------------------|-------------------|
|                                 |   |                                       |                            |                                  |  |                                  | •                          |                          | İ                     |                   |
|                                 |   |                                       |                            |                                  |  | B41 – WC                         | M03002                     | 158                      | Sheet                 | 1 of 2            |
| 1. Owner                        |   | _                                     | 2. Pla                     |                                  |  |                                  |                            |                          | Unit                  |                   |
|                                 | n Nuclear Operatin                                |                                       | į .                        |                                  | •                                      | clear Plant                      |                            |                          | F                     | NP 1              |
|                                 | rness Center Parkw<br>ham, Alabama 352            |                                       | l                          |                                  |  | 95 South<br>, Alabama 363        | 10                         |                          | Date                  |                   |
|                                 | it for Alabama Pow                                |                                       | ,                          | ,                                | ###*********************************** | / Patterness                     |                            |                          |                       |                   |
|                                 |   |                                       | <u> </u>                   |                                  |  | ,                                |                            |                          | Apri                  | 1 23, 2003        |
| 3. Work perfo                   | •   |                                       | •                          |                                  |  | Type Code S                      | ymbol St                   | amp<br>N/A               |                       |                   |
| Name:                           | PCI Energy S                                      | Services                              |                            |                                  |  | Authorizatio                     | n Numbe                    | r                        |                       |                   |
| Address:                        | One Energy Dr                                     | ive                                   |                            |                                  |  |                                  |                            | N/A                      |                       |                   |
|                                 | P.O. Box 3000                                     |                                       |                            |                                  |  | Expiration D                     | ate                        |                          |                       |                   |
|                                 | Lake Bluff, IL                                    | <u>60044</u>                          |                            |                                  |  | •                                |                            | N/A                      |                       |                   |
| 4. Identification               | on of System                                      |                                       | Reac                       | ctor Coolant P                   |  | <u></u>                          |                            |                          |                       |                   |
| <i>E</i>                        |   |                                       |                            |                                  |  |                                  | <del></del> -              | <del></del>              |                       |                   |
| 5. (a) Applicable Co            | onstruction Code:                                 | ASME Section                          | on III.                    | 19 71                            | Editio                                 | n Summer 197                     | 2 Adde                     | nda,                     | N/A                   | Code Case         |
|                                 | ection XI Utilized For I                          |                                       |                            |                                  | Editio                                 |                                  | Adde                       |                          | N-416-1               | Code Case         |
|                                 |   |                                       |                            |                                  |  |                                  | ,                          |                          |                       |                   |
| 6. Identification               | on of Components I                                | Repaired or R                         | eplaced                    | and Replace                      | ment (                                 | Components:                      |                            |                          |                       |                   |
| Name of                         | Name of   | Manufact                              | turer                      | National                         | 1                                      | Other                            | Year                       | Repa                     | aired,                | ASME              |
| Component                       |   |                                       |                            | Board                            | Ide                                    | entification                     | Built                      |                          | ced, or               | Code              |
| -                               | .   |                                       |                            | No.                              |  |                                  | ļ                          |                          | cement                | Stamped           |
|                                 |   |                                       |                            |                                  |  |                                  | <u> </u>                   |                          |                       | (Yes/No)          |
| Pipe                            | Babcock & Wilcox                                  | 2386/2387/                            | 2389                       | N/A                              |  | P.O. FNP-2                       | 1976                       | Replaced                 |                       | Yes               |
| Flange                          | Western Forge                                     | 2256/2271/                            | 2267                       | N/A                              | P.O. FNP-2                             |                                  | 1976                       | Replaced                 |                       | Yes               |
|                                 |   |                                       |                            |                                  |  |                                  |                            |                          |                       |                   |
| Pipe                            | Changwon Specialty<br>Steel                       | A53470                                | 0                          | N/A                              |  | QP020505                         | 2002                       | Replac                   | cement                | No                |
| Flange                          | WFI   | 2561AN                                | IE                         | N/A                              |  | QP030321                         | 2003                       | Replac                   | cement                | No                |
|                                 |   |                                       |                            |                                  |  |                                  |                            |                          |                       |                   |
|                                 | ·   |                                       |                            |                                  |  |                                  |                            |                          |                       |                   |
|                                 |   |                                       | İ                          | ·                                |  |                                  |                            | ,,,,                     |                       |                   |
|                                 |   |                                       |                            |                                  |  |                                  |                            |                          |                       |                   |
| 7. Description of               | f Work  |                                       |                            | <u></u>                          | <u></u>                                |                                  | ·                          |                          |                       |                   |
| The Component C                 | Cooling Water inlet pipe<br>iping between the pum | e to the thermal<br>op casing and the | barrier of<br>e first flan | Reactor Coola<br>ge. The pipe ar | nt Pump<br>nd flang                    | Q1B41P001C e<br>e spool piece we | exhibited e<br>re replaced | xternal cr<br>l. Ref: MI | acking du<br>F 030370 | rring dye<br>)35. |
| 8. Test Conduct Hydrosi Pressur | tatic Pneumati                                    | ic Norm                               | -                          | ting Pressure<br>F               |  | None Ct                          | her                        |                          |                       |                   |

RType: L1.52

### Form NIS-2 Owner's Report for Repairs or Replacements As required by the provisions of the ASME Code Section XI

RType: L1.52

|   | Job Number                                     |                                   |
|---|--|-----------------------------------|
|   | B41 – WO M03002158                             | Sheet 2 of 2                      |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached)  The pipe to pump easing weld was made and liquid penetrant examined by PCI Energy Services un           | der the PCI Quality Assurance Program.         |                                   |
| The pipe to flange weld was made under Work Order M03002161 by PCI Energy Services and liqu<br>Quality Assurance Program  | rid penetrant examined by PCI Energy So        | ervices under the PCI             |
| Radiography of the pipe to flange weld was performed by GE Services under the SNC Quality Ass   | urance Program                                 |                                   |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
|   |  |                                   |
|   | 71   |                                   |
| Certificate of Complian   | ce   |                                   |
|   | eplacement conform                             | s to the rules of the             |
| Type Code Symbol Stamp  | VA   |                                   |
| Certificate of Authorization Number N/A   | Expiration Date                                | N/A                               |
| Signed Maintenance Ma Owner or Owner's Designee, Title  | nager Date 6/11/03                             |                                   |
| Owner of Owner a Designee, The  |  |                                   |
| Certificate of Inservice Insp   | ection   |                                   |
| I, the undersigned, holding a valid commission issued by the National Board of  |  | octom and the State               |
| or Province of Georgia and employed by HS.  | have inspected the con                         | _                                 |
| HARTFORD CONNECTICUT  |  |                                   |
| in this Owner's Report during the period 4/16/03 to to the best of my knowledge and belief, the Owner has performed examinations  | and taken corrective measures d                | , and state that escribed in this |
| Owner's Report in accordance with the requirements of the ASME Code, Section  | on XI.   |                                   |
| By signing this certificate neither the Inspector nor his employer makes any wa   |  |                                   |
| examinations and corrective measures described in this Owner's Report. Further be liable in any manner for any personal injury or property damage or loss of an inspection. |  |                                   |
| Muslin Gland Commissions GA   | 328 ZX<br>National Board, State, Province, and | A Endorsements                    |
| Date 6/11/03 Commissions 6N   |  |                                   |

N/A

| One Energy Drive, Lake Blufft, Illinois 60044  2. Owner: Southern Nuclear Operating Company  **Company Southern Nuclear Operating Company  **Company Southern Nuclear Power Plant: Farley Nuclear Plant Unit 1  **T388 N. State Highway 95, Columbia, Alabama 36319  4. System: Reactor Coolant System  5a. Items Whitch Require Repair, Modification, or Replacement Activities  **Identification**  No. No. No. No. No. Built Section/ Addenda Case(s) Class M. Replacement No. No. No. No. No. Drivision  1 **EACTOR** **PORD IC** **PO |            | k perform   | ed by:     |  |                      | PCI I           | Energy Se  | rvices       |             |          |              | 900  | 111-036           |                 |
|--|------------|-------------|------------|--|----------------------|-----------------|--|--------------|-------------|----------|--------------|--|-------------------|-----------------|
| 2. Owner: Southern Nuclear Operating Company  40 Inverness Center Parkway, Birmingham, Alabama 35242  3. Name, address and identification of Nuclear Power Plant: Farley Nuclear Plant Unit 1  7388 N. State Highway 95, Columbia, Alabama 36319  4. System: Reactor Coolant System  Sa Items Which Require Repair, Modification, or Replacement Activities  Identification  No. No. No. Other Year Name/ Edition/ Code Code Regulation Name No. No. No. No. Other Section Addenda Case(s) Class Martine No. No. No. No. Other Section Addenda Case(s) Class Regulation Name No. No. No. No. No. Other Name/ Section No. No. No. No. No. No. Other Name/ Section No. No. No. No. No. No. No. No. No. No.   |            | 5 17        |            |  | One                  |                 |  |              | 10is 6004   | 14       |              | (PO no   | , job no. , esc.) |                 |
| 40 Inverness Center Parkway, Birmingham, Alabama 35242  3. Name, address and identification of Nuclear Power Plant: Farley Nuclear Plant Unit 1  7388 N. State Highway 95, Columbia, Alabama 36319  4. System:    Reactor Coolant System   Section   System   Section   System   Section   Sec |            |             |            |  |                      |                 | (address)  |              |             |          |              |  | <del></del>       |                 |
| 3. Name, address and identification of Nuclear Power Plant: Farley Nuclear Plant Unit 1  7388 N. State Highway 95, Columbia, Alabama 36319  3. Items Which Require Repair, Modification, or Replacement Activities    Reactor Coolant System   | . Own      | <u> </u>    |            |  |                      |                 | (times)  |              |             |          |              |  |                   |                 |
| System: Reactor Coolant System  See Items Which Require Repair, Modification or Replacement Activities  Identification No. No. No. No. No. No. No. No. No. No.   |            |             |            |  |                      |                 | (address)  |              |             |          | 35242        | <del></del>                                      |                   |                 |
| As items Which Require Repair, Modification, or Replacement Activities    Identification   No.   | 3. Nam     | e, address  | and identi | fication   |                      |                 |  |              |             |          |              |  |                   |                 |
| Sa. Items Which Require Repair, Modification, or Replacement Activities    Construction Code   | L Svete    | em ·        |            |  | 738                  | 8 N. State H    |  |              |             |          | 19           | <del></del>                                      |                   |                 |
| Identification   | •          |             | Paguira P  | mair M   | adification          | or Replaceme    |  |              | JEEL O.     | <u> </u> |              |  |                   |                 |
| No. Type of Mfg. Name No. No. No. No. Other Year Name Section Addenda Case(s) Code Regulary PURF IC Section No. No. No. Other Year Built Name Section No. No. Other Year Built Name Construction Code Code Regulary PURF IC Section No. Other Year Built Name Construction Code Code Regulary PURF IC Section No. No. Other Year Built Name Construction Code Code Regulary No. No. Other Year Built Name Construction Code Code Regulary No. No. Other Year Built Name Code Code Regulary No. No. Other Year Built Name Code Code Code Regulary No. No. Other Year Built Name Code Code Code Regulary Name Section No. No. Other Year Built Name Code Code Code Code Regulary Name Section No. No. Other Year Built Name Code Code Code Code Code Regulary Name Section No. No. Other Year Built Name Code Code Code Code Code Regulary Name Section No. No. Other Year Built Name Code Code Code Code Regulary Name Section No. Other No | a. ILE     | is which    | Require R  | cpau, wi   |                      |                 | III MOLIVILLE                                    | <u> </u>     |             |          | Construction | n Code   |                   | Activi          |
| Part   Contact   Part   | No         |             |            |  |                      |                 |  | Other        |             |          | Edition/     | Code   |                   | Repair          |
| 1 REACTOR COCILATIVE BIOURE GRI N/A - 1974 ASME-III WISTINGTOR N/A 1 REPORT OF TRANSPORT N/A 1 REPORT OF TRANSPORT N/A 1 REPORT OF TRANSPORT N/A 1 REPORT OF TRANSPORT N/A 1 REPORT N/A 1 R |            | Item        | Name       | -  | No.                  | No.             | No.  |              | Built       |          | Addenda      | Casc(s)  | Class             | Mod/<br>Replace |
| Post      |            |             |            |  |                      |                 | -  | -            |             |          |              |  |                   |                 |
| 2   1   1-2  |            | PUMP IC     |            |  | GRI                  | N/A             |  |              | #97#        | ASME-III |              | N/A  | 1                 | REPLAC          |
| A SME Code Section XI applicable for inservice inspection:  A SME Code Section XI used for repairs, modifications, or replacements:    A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or replacements:   A SME Code Section XI used for repairs, modifications, or rep |            |             | •          |  |                      |                 |  |              |             |          | <u> </u>     | <del> </del>                                     | <u> </u>          | ļ               |
| ASME Code Section XI applicable for inservice inspection:  ASME Code Section XI used for repairs, modifications, or replacements:  10  |            |             |            | _}   |                      | <u>-</u>        | <del> </del>                                     |              | 0/602       |          | <del> </del> | <del> </del>                                     | <del> </del>      | <del> </del> -  |
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| ib. Items Installed During Replacement Activities (See Remarks)    Identification  |            |             |            | <u> </u>   |                      |                 |  |              |             |          |              | <u> </u>   |                   |                 |
| 5b. Items Installed During Replacement Activities (See Remarks)    Identification  |            | <del></del> |            | <del></del>                                      |                      |                 | <b></b>  | <del> </del> |             |          |              | <del> </del>                                     |                   | <del> </del>    |
| Identification   Construction Code   |            |             |            | <del>                                     </del> |                      |                 | <del>                                     </del> | 1            |             |          | <del> </del> | <del>                                     </del> |                   |                 |
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| Identification   Construction Code   | ih Iten    | ne Inetalie | d During I | Penlacen   | nent A <i>c</i> tivi | ities (See Remo | rice)  |              | •           |          |              |  |                   |                 |
| ASME Code Section XI applicable for inservice inspection:  ASME Code Section XI used for repairs, modifications, or replacements:  1989  N/A  No.  No.  No.  Section/ Division  Addenda Case(s) Classical Case(s)  Classical Case(s)  No.  No.  No.  No.  No.  No.  No.  No  | 0. 1001    | из шашк     | u Dung i   | ·  |                      |                 |  |              |             | T        | Co           | nstruction C                                     | Code              |                 |
| Sallem No.  Division  Division  Division  ASME Code Section XI applicable for inservice inspection:  1989  N/A  (Code mas(1))  (Code mas(1))  (reduce)  (reduce)  (reduce)  (reduce)  (reduce)  (reduce)  (reduce)  (reduce)  (reduce)  (reduce)  (reduce)  (reduce)  (reduce)  (reduce)  (reduce)   |            |             |            |  |                      |                 |  | Other        | Year        |          |              |  |                   | Code            |
| 5. ASME Code Section XI applicable for inservice inspection:  1989  1989  N/A  N/A  (Code mass(1))  Indiana, In | ltem       |             |            | Name   | Serial No            | o. No.          | No.  | į            | Ì           | - 31     | 1            | denda C  | ase(s)            | Class           |
| 7. ASME Code Section XI used for repairs, modifications, or replacements: 1989 N/A N/A N/A (sedion) (sedion) (sedion) (sedion)   |            | 34.5        |            |  | 1                    |                 | 1  | !            |             |          |              |  |                   |                 |
| 7. ASME Code Section XI used for repairs, modifications, or replacements: 1989 N/A N/A N/A (sedion) (sedion) (sedion) (sedion)   |            |             |            |  | <u> </u>             |                 |  |              | 1 2 2       |          |              |  |                   |                 |
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| 7. ASME Code Section XI used for repairs, modifications, or replacements: 1989 N/A N/A N/A (sedion) (sedion) (sedion) (sedion)   |            |             |            |  | <u> </u>             | <del>- :</del>  | :  | <del>:</del> | <del></del> |          |              |  | <del>i</del>      |                 |
| 7. ASME Code Section XI used for repairs, modifications, or replacements: 1989 N/A N/A N/A (sedion) (sedion) (sedion) (sedion)   |            |             |            |  | !                    |                 | i  |              |             |          |              |  | i                 |                 |
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| (seldom) (seldomdu) (code essents))  | 5. ASM     | Æ Code S    | ection XI  | pplicab  | le for inser         | vice inspection | ! <u> </u>                                       | 1989         |             |          | N/A          | -  | N/A               |                 |
|  |            |             |            |  |                      | -               |  | (edition)    | 1080        |          | laddends)    |  | (Code one         | Ø1))            |

Tests conducted: hydrostatic pneumatic design pressure pressure: N/A Psi. Code Case(s):

| 11. Description of work: (1) PERFORMED FABRICATION AND WELDING OF (1) COMPONENT COOLING WATER  |
|--|
| INLET NOZZLE TO THERMAL BARRIER UTILIZING THE MANUAL GTAW PROCESS AND PCI WELD PROCEDURE   |
| SPECIFICATION # 8-MN-GTAW/SMAW- REVISION 8. (2) PERFORMED LIQUID PENETRANT EXAMINATION OF WELD   |
| PREPARATIONS PRIOR TO WELDING, PROGRESSIVE PT AT HALF WAY OUT AND FINAL PT OF THE COMPLETED  |
| WELD UTILIZING PCI GQP 9.7, REVISION 8 AND THE RESULTS WERE ACCEPTABLE.  |
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| 12. Remarks: ALL PCI WELDERS ARE QUALIFIED IN ACCORDANCE WITH ASME SECTION IX PER PCI PROCEDURES.  |
| ALL MATERIALS WERE PROVIDED BY SOUTHERN NUCLEAR OPERATING COMPANY.   |
| PRESSURE TEST TO BE PERFORMED BY SOUTHERN NUCLEAR OPERATING COMPANY  |
| THE THE STATE OF A STATE OF THE PARTY OF THE |
| NOTE: NAME PLATE WAS NOT ATTACHED DUE TO SIZE LIMITATION. ATTACHMENT BY BANDING OR WIRING  |
| WAS NOT DESIRABLE DUE TO POSSIBLE INTERFERENCE WITH PUMP VIBRATION MONITORING.   |
| NAMEPLATE RETAINED BY CUSTOMER.  |
| <del></del>  |
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| 7  |
| <del>,</del>   |
| CERTIFICATE OF COMPLIANCE  |
| Alicia Hutton , certify that to the best of my knowledge and belief the statements made in this report are correct   |
| and the repair, modification or replacement activities described above conform to Section XI of the ASME code and the National Board Inspection  |
| Code "NR" rules,   |
| National Board Certificate of Authorization No: 74 to use the "NR stamp expires AUGUST 20 , 2004   |
|  |
| Date: April 19 , 2003 Signed PCI Energy Services Hiliais Charles QA/QC   |
| testing of report (Franciscon) testing and expression (Franciscon) (Male)  |
| CERTIFICATE OF INSPECTION  |
| Charles G. Ward , holding a valid commission issued by The National Board of Boiler and Pressure Vessel  |
| Inspectors and certificate of competency issued by the jurisdiction of:  Georgia and employed by:  |
| HARTFORD STEAM BOILER of CT of Hartford CT. have   |
| inspected the repair, modification or replacement described in the report on April 19 . 2003 and state that to the best of   |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |
| my knowledge and belief, this repair, modification or replacement has been completed in accordance with Section XI of the ASME Code  |
| my knowledge and belief, this repair, modification or replacement has been completed in accordance with Section XI of the ASME Code and the national Board Inspection Code "NR" rules. By signing this certificate, neither the undersigned nor my employer makes any warranty,  |
| my knowledge and belief, this repair, modification or replacement has been completed in accordance with Section XI of the ASME Code  |
| my knowledge and belief, this repair, modification or replacement has been completed in accordance with Section XI of the ASME Code and the national Board Inspection Code "NR" rules. By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.  |
| my knowledge and belief, this repair, modification or replacement has been completed in accordance with Section XI of the ASME Code and the national Board Inspection Code "NR" rules. By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.  |
| my knowledge and belief, this repair, modification or replacement has been completed in accordance with Section XI of the ASME Code and the national Board Inspection Code "NR" rules. By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.  |

Form NIS-2 Owner's Report for Repairs or Replacements As required by the provisions of the ASME Code Section XI Job Number B41 - WO M03002159 Sheet 1 of 2 2. Plant Unit 1. Owner Farley Nuclear Plant Southern Nuclear Operating Company FNP 1 40 Inverness Center Parkway Highway 95 South Birmingham, Alabama 35242 Columbia, Alabama 36319 (as agent for Alabama Power Company) April 23, 2003 Type Code Symbol Stamp 3. Work performed by Name: **PCI Energy Services Authorization Number** N/A Address: One Energy Drive P.O. Box 3000 **Expiration Date** Lake Bluff, IL 60044 N/A 4. Identification of System Reactor Coolant Pump 5. N/A (a) Applicable Construction Code: 19 71 Edition Summer 1972 Addenda, Code Case ASME Section III, (b) Applicable Section XI Utilized For Repairs Or Replacements, 89 Edition N/A Addenda, N-416-1 Code Case 19 6. Identification of Components Repaired or Replaced and Replacement Components: Name of Name of Manufacturer National Other Year Repaired, **ASME** Component Manufacturer Serial Number Board Identification Built Replaced, or Code No. Replacement Stamped (Yes / No) Allegheny Ludlum 2237/2232/2240 N/A P.O. FNP-2 1976 Pipe Replaced Yes N/A P.O. FNP-2 1976 Flange Western Forge 2017/2022/2040 Replaced Yes **Pipe** Changwon Specialty A53470 N/A QP020505 2002 Replacement No Steel 2003 WFI 2561ANE N/A OP030321 Replacement No Flange

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|--|--------------|--------------------|------------|
|  |              |                    |            |
|  |              |                    |            |
|  |              |                    |            |
| 7. Description of Work The Component Cooling Water inlet pipe to the thermal barrier of Reactor C the pump casing and the first flange. The pipe and flange spool piece were re  | xhibited ind | lications of leaka | ge between |

| 8. | Test Conducted Hydrostatic | Pneumatic | Normal Operating Pressure | ☐ None | Other | - |   |
|----|----------------------------|-----------|---------------------------|--------|-------|---|---|
|    | Pressure                   | PSI Ten   | perature °F               |        |       |   | _ |

### Form NIS-2 Owner's Report for Repairs or Replacements As required by the provisions of the ASME Code Section XI

RType: L1.52

| As required by the provisions of the Asivie Code Section As   |   |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|
|   | Job Number                              |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
|   | B41 – WO M03002159                      | Sheet 2 of 2                           |  |  |  |  |  |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached) The pipe to pump easing weld was made and liquid penetrant examined by PCI Energy Services un            |   |  |  |  |  |  |  |
| The pipe to flange weld was made under Work Order M03002161 by PCI Energy Services and liquiduality Assurance Program   | aid penetrant examined by PCI Energy Se | rvices under the PCI                   |  |  |  |  |  |
| Radiography of the pipe to flange weld was performed by GE Services under the SNC Quality Asse  | urance Program                          |  |  |  |  |  |  |
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|   |   | <u></u>                                |  |  |  |  |  |
| Certificate of Complian   | ce                                      |  |  |  |  |  |  |
|   | eplacement conform                      | s to the rules of the                  |  |  |  |  |  |
| Type Code Symbol Stamp  | V/A                                     |  |  |  |  |  |  |
| Certificate of Authorization Number N/A   | Expiration Date                         | N/A                                    |  |  |  |  |  |
| Signed Maintenance Ma: Owner or Owner's Designee, Title   | nager Date C/n/13                       | ······                                 |  |  |  |  |  |
| / Owner of Owner's Designee, Tide   |   | ······································ |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
| Certificate of Inservice Insp   | ection                                  |  |  |  |  |  |  |
| I, the undersigned, holding a valid commission issued by the National Board of  |   | ctors and the State                    |  |  |  |  |  |
|   | 3-CT                                    | of                                     |  |  |  |  |  |
| HARTFORD, CONNECTICUT   | have inspected the con                  |  |  |  |  |  |  |
| in this Owner's Report during the period 4/16/63 to   | 6/11/63                                 | , and state that                       |  |  |  |  |  |
| to the best of my knowledge and belief, the Owner has performed examinations  |   | escribed in this                       |  |  |  |  |  |
| Owner's Report in accordance with the requirements of the ASME Code, Section  |   | • .•                                   |  |  |  |  |  |
| By signing this certificate neither the Inspector nor his employer makes any war  |   |  |  |  |  |  |  |
| examinations and corrective measures described in this Owner's Report. Further be liable in any manner for any personal injury or property damage or loss of an inspection. |   |  |  |  |  |  |  |
| Commissions   | A 328                                   | ·WA                                    |  |  |  |  |  |
| Inspector's Signature   | National Board, State, Province, and    | I Endorsements                         |  |  |  |  |  |
| Date  |   |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |

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| 2. Ot    | vner:                |         |                |              | Sou                | thern Nucl                   | ear Opera        | ting Co    | mpany                 | ·                             |       |                     | -             |                              |                                       |                        |
|          |                      |         |                |              | 40 Inver           | ness Center                  | r Parkway        | , Birmi    | ngham,                | Alabar                        | ns 3. | 5242                |               |                              |                                       |                        |
| S. Na    | me, ad               | dress : | and iden       | ification    |                    | ower Plant:                  |                  |            |                       |                               |       |                     |               |                              |                                       |                        |
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| a. II    | CIIIS W              | mai r   | cequite r      | cepau, w     | Identifica         | n, or Replacement Activities |                  |            |                       |                               |       | Constru             | ction (       | Code                         |                                       | Activity               |
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| 1        | REAC<br>COOL<br>PUMP | ANT     | HOUSE          |              | 14E931-<br>GR1     | N/A                          |                  |            | 1976<br>1977          | ASME-III                      |       |                     |               | N/A                          | 1                                     | REPLAC                 |
| 2        |                      |         |                |              |                    |                              |                  |            | 4-28-63               |                               |       |                     |               |                              |                                       |                        |
| <b>3</b> | -                    | -       |                |              |                    |                              |                  |            | 5/4/03                | · ·                           |       | <del> </del>        |               |                              | <del> </del>                          |                        |
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| b. It    | ems In               | stalled | During         | Replacen     |                    | s (See Rema                  | rks)             |            |                       |                               |       |                     | · · · · · ·   |                              |                                       |                        |
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| lte      | c of                 | Rep     | laced<br>m No. | Mfg.<br>Name | Mfg.<br>Serial No. | Nati Bd.<br>No.              | No.              | Other      | Year                  | Buill                         | Sec   | tion/<br>vision     |               | lition/ Code<br>denda Case(s |                                       | Code<br>Class          |
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| . AS     | ME Co                | ode Se  | ction XI       | used for     | repairs, mod       | ifications, or               | replacement      | (edition)  | 1989                  |                               |       | ddenda:             | /A            |                              | (Code cas                             |                        |
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| AL. Description  | Δ of work: > (1) /   | PEKTUKMED F  | ABRICATION   | AND WELDING OF (1) COL   | MPONENT COOLING WATER  |
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| PECIFICAT  | TION # 8-MN-GTA  | W/SMAW- REV  | <b>VISION 8. (2) P</b>   | ERFORMED LIQUID PENET  | RANT EXAMINATION OF WEL  |
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| 12. Remarks:   | ATT DOI WELDY  | TO ARE OTIAL   | TO A CO  | TOTALIOE STREET, ACLIE CE  | CONTRACTOR DOLLED DE OCENTIDI  |
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|   | Job Number                              | _                                     |               | -  |                |                       |            |             |             |                     |  |  |
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| <b>)</b><br>2                           |   |                                       |               |  | B13 - WA689426 |                       |            |             |             | Sheet 1 of 2        |  |  |
| 1. Owner                                |   |                                       | 2. Plan       |  |                |                       |            |             | Unit        |                     |  |  |
|   | n Nuclear Operatin<br>ness Center Parkw |                                       |               | Farley Nuclear Plant<br>Highway 95 South |                |                       |            |             |             | NP 1                |  |  |
| Birming                                 | ham, Alabama 352                        | 42                                    |               | Columbia, Alabama 36319                  |                |                       |            |             |             |                     |  |  |
| (as agen                                | t for Alabama Pow                       | er Company)                           |               |  |                | •                     |            |             | April       | 29, 2003            |  |  |
| 3. Work perfo                           | rmed by                                 |                                       |               |  |                | Type Code Sy          | ymbol St   | amp         |             |                     |  |  |
| -                                       | •                                       |                                       |               |  |                |                       |            | N/Ā         |             |                     |  |  |
| Name: So                                | uthern Nuclear Oper                     | ating Compan                          | y Majntei     | nance Departi                            | nent           | Authorizatio          | n Numbe    |             |             |                     |  |  |
|   |   |                                       |               |  | N/A            |                       |            |             |             |                     |  |  |
| Address:                                | Joseph M.                               | Fariey Nuclea                         | Expiration D  | ate                                      | N/A            |                       |            |             |             |                     |  |  |
| A 73-45-4                               |   |                                       |               |  |                |                       |            | 11//1       |             |                     |  |  |
| 4. Identification                       | on or System                            |                                       | React         | or Coolant Sy                            | ystem          |                       |            |             |             |                     |  |  |
| 5.                                      |   | ·                                     | ***           |  |                |                       |            |             |             |                     |  |  |
| (a) Applicable Co                       | nstruction Code:                        | ASME Section                          |               | 19 71                                    | Editio         |                       |            |             | N/A         | Code Case           |  |  |
| (b) Applicable Se                       | ction XI Utilized For I                 | Repairs Or Repla                      | acements,     | 19 89                                    | Editio         | n <u>N/A</u>          | Adde       | nda,        | N/A         | Code Case           |  |  |
| 6. Identification                       | on of Components I                      | Renaired or R                         | enlaced       | and Replace                              | ment (         | Components:           | _          |             |             |                     |  |  |
| Name of                                 | Name of                                 | Manufact                              | •             | National                                 | <br>           | Other                 | Year       | l Rene      | aired,      | ASME                |  |  |
| Component                               | Manufacturer                            |                                       | Serial Number |  | Ide            | entification          | Built      |             | ced, or     | Code                |  |  |
|   |   |                                       |               |  | No.            |                       |            | Replacement |             | Stamped (No. / No.) |  |  |
|   |   |                                       | <u></u>       |  |                |                       |            |             |             | (Yes / No)          |  |  |
| Safety Valve                            | Crosby                                  | N56963-01-0001                        |               | N/A 1                                    |                | P. O. FNP-2           | 1975       | Replaced    |             | Yes                 |  |  |
|   |   |                                       |               |  |                |                       |            |             |             |                     |  |  |
|   |   |                                       |               |  |                |                       |            |             |             |                     |  |  |
| Safety Valve                            | Crosby                                  | N56963-01-0003                        |               | N/A                                      |                | P. O. FNP-2           | 1975       | Replacement |             | Yes                 |  |  |
|   |   |                                       |               |  |                |                       |            |             |             |                     |  |  |
|   |   |                                       |               |  |                |                       |            |             |             |                     |  |  |
|   | -                                       |                                       |               | ***                                      |                |                       |            |             |             |                     |  |  |
|   |   |                                       |               |  |                |                       |            |             |             |                     |  |  |
|   | :                                       |                                       |               |  |                |                       |            |             |             |                     |  |  |
|   |   | · · · · · · · · · · · · · · · · · · · |               |  |                |                       |            |             |             |                     |  |  |
|   |   |                                       |               |  |                |                       |            |             |             |                     |  |  |
|   |   |                                       |               |  |                |                       |            |             |             |                     |  |  |
|   |   |                                       |               |  |                |                       |            |             |             |                     |  |  |
|   |   |                                       |               |  |                |                       |            |             |             |                     |  |  |
| 7. Description of                       | [ Work                                  |                                       |               |  |                |                       |            |             |             |                     |  |  |
| Pressurizer safety                      | valve Q1B13V0031B                       |                                       |               |  |                |                       | sting and, | if require  | ed, refurbi | shment. A           |  |  |
| <ul> <li>previously returbis</li> </ul> | shed safety valve was i                 | installed in place                    | e of the re   | moved valve.                             | Kei: M         | IF 0303 <b>5342</b> . |            |             |             |                     |  |  |
| 8. Test Conduct                         |   |                                       |               |  |                |                       |            |             |             |                     |  |  |
| Hydrost                                 |   |                                       | _             | _  |                | None Oth              | er         |             |             |                     |  |  |
| Pressure                                | e PSI 1                                 | Temperature _                         |               | F  |                |                       |            |             |             |                     |  |  |

### Form NIS-2 Owner's Report for Repairs or Replacements As required by the provisions of the ASME Code Section XI

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| an indiana of the broading of the contract of the contract of  |                    |                     |                    |             |          |        |  |  |
|--|--------------------|---------------------|--------------------|-------------|----------|--------|--|--|
|  |                    | Job Number          |                    |             |          |        |  |  |
|  |                    | 1019 1774           | 690426             | Sheet       | 2 ~4     |        |  |  |
| O. D. Carlotte D. L. Branch and D. C. Br | l - 2)             | B13 - WA            | 1089420            | Spect       | ∠ 0I     |        |  |  |
| 9. Remarks (Applicable Manufacturer's Data Reports to be att.  The replacement valve was previously refurbished by Wyle Laboratories und   |                    | )10280.             |                    |             |          |        |  |  |
| 210 lopusoinest vario was providently rotationed by wyso 2000000000000000000000000000000000000   | para Q- (          |                     |                    |             |          |        |  |  |
|  |                    |                     |                    |             |          |        |  |  |
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| · ·  |                    |                     |                    |             |          |        |  |  |
| Certificat   | te of Complian     | ıce                 |                    |             |          |        |  |  |
|  |                    |                     |                    |             |          |        |  |  |
| We certify that the statements made in the report are correct and this   |                    | eplacement          | conform            | s to the ru | les of   | the    |  |  |
| ASME Code, Section XI.   | гераіг (           | or replacement      |                    |             |          |        |  |  |
| T O- 4- O 1 O  | ,                  | N/A .               |                    |             |          |        |  |  |
| Type Code Symbol Stamp   |                    | N/A                 |                    | <del></del> |          |        |  |  |
| Certificate of Authorization Number N/A  |                    | Expiration Date     |                    | N/A         |          |        |  |  |
|  |                    |                     | 1 10               |             |          |        |  |  |
| Signed & More  | Maintenance Ma     | nager Date          | 6-17-6             | <b>' S</b>  |          |        |  |  |
| Owner or Owner's Designee, Ti  | ile                |                     |                    |             |          |        |  |  |
|  |                    |                     |                    |             |          |        |  |  |
|  |                    |                     |                    |             |          |        |  |  |
|  |                    |                     |                    |             |          |        |  |  |
| Certificate of   | Inservice Insp     | pection             |                    |             |          |        |  |  |
| I, the undersigned, holding a valid commission issued by the l   | National Board of  | Deiler and Dress    | Vannal Imam        |             | 1 AL . ( | Dene - |  |  |
| or Province of and employed by   |                    |                     | -                  |             |          |        |  |  |
| HARTIERO, CONNETTET  | 773                | have in             | spected the cor    | nponents    | descr    | _ oi   |  |  |
| in this Owner's Report during the period 4/22/63   | to                 | 6/19/               | _                  |             | i state  |        |  |  |
| to the best of my knowledge and belief, the Owner has perform  |                    | and taken correct   | tive measures d    | escribed    | in thi   | s      |  |  |
| Owner's Report in accordance with the requirements of the A  | SME Code, Section  | on XI.              |                    |             |          |        |  |  |
| By signing this certificate neither the Inspector nor his employ   |                    |                     |                    |             |          |        |  |  |
| examinations and corrective measures described in this Owne  |                    |                     |                    |             |          | shall  |  |  |
| be liable in any manner for any personal injury or property da   | mage or loss of ar | ly kind arising fro | m or connected     | l with thi  | S        |        |  |  |
| inspection.  |                    |                     |                    |             |          |        |  |  |
| 41 1 1 1   |                    |                     |                    |             |          |        |  |  |
| Inspector's Signature Com  | missions           | 7 328               |                    | INA         |          |        |  |  |
| Inspector's Signature  |                    | National Board, St  | ate, Province, and | d Endorse   | ments    |        |  |  |
|  |                    |                     |                    |             |          |        |  |  |
| Date 6/19/03   |                    |                     |                    |             |          |        |  |  |
|  |                    |                     |                    |             |          |        |  |  |

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As required by the provisions of the ASME Code Section XI Job Number B21 - WO03002422 Sheet 1 of 2 2. Plant 1. Owner Unit Southern Nuclear Operating Company Farley Nuclear Plant FNP 1 40 Inverness Center Parkway Highway 95 South Birmingham, Alabama 35242 Columbia, Alabama 36319 Date (as agent for Alabama Power Company) April 29, 2003 3. Work performed by Type Code Symbol Stamp Name: Southern Nuclear Operating Company Maintenance Department **Authorization Number** Joseph M. Farley Nuclear Plant Address: **Expiration Date** N/A 4. Identification of System Steam Generator (a) Applicable Construction Code: ASME Section III. N/A N/A 19 Edition -Addenda. Code Case (b) Applicable Section XI Utilized For Repairs Or Replacements, N/A 19 89 Edition Addenda. N/A Code Case 6. Identification of Components Repaired or Replaced and Replacement Components: Name of Manufacturer National Other Name of Year Repaired, ASME Component Manufacturer Serial Number Board Identification Built Replaced, or Code Replacement No. Stamped (Yes/No) Bolt Vicente Berrizbeitia 250 N/A P. O. QP970783 1999 Replaced No Bolt Vicente Berrizbeitia UNKNOWN N/A P. O. QP970783 1999 Replaced No Vicente Berrizbeitia Bolt UNKNOWN N/A P. O. QP970783 1999 Replaced No Bolt lonics, Inc. 015 N/A P. O. QP020518 2002 Replacement No P. O. QP020518 2002 Bolt lonics, Inc. 019 N/A Replacement No **Bolt** Ionics, Inc. 017 N/A P. O. OP020518 2002 Replacement No 7. Description of Work During the removal of the top of tube sheet hand hole covers for Steam Generator Q1B21H0001B, one (1) bolt galled in cover 10A and two (2) bolts galled in cover 10C. The bolts had to be destroyed in order to be removed and new bolts were installed in their place. Ref: MIFs )3037110 & 03037131. 8. Test Conducted Pneumatic Normal Operating Pressure None Other Hydrostatic Temperature \_\_\_\_ °F Pressure PSI

RType: L1.52 As required by the provisions of the ASME Code Section XI Job Number B21 - WO03002422 Sheet 2 of 2 9. Remarks (Applicable Manufacturer's Data Reports to be attached) **Certificate of Compliance** conforms to the rules of the We certify that the statements made in the report are correct and this replacement repair or replacement ASME Code, Section XI. Type Code Symbol Stamp N/A Certificate of Authorization Number \_\_\_\_\_\_ N/A Expiration Date \_ 6-17-03 Signed Maintenance Manager Date Owner or Owner's Designee, Title **Certificate of Inservice Inspection** I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Secretary and employed by HSB-CT have inspected the components described HARTFURD CONNECTICIT 4/17/63 to 6/19/03 , and state that in this Owner's Report during the period to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. Inspector's Signature Commissions National Board, State, Province, and Endorsements

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| As required by the | provisions of the AS                               | ME Code Secti                       | ion XI                    |   |                   |                                    |                             |                          |  |                       |  |  |  |
|--------------------|--|-------------------------------------|---------------------------|---|-------------------|------------------------------------|-----------------------------|--------------------------|--|-----------------------|--|--|--|
|                    |  |                                     |                           |   |                   | Job Number                         |                             |                          |  |                       |  |  |  |
|                    |  |                                     |                           |   |                   | ` B21 - W                          | 00300242                    | :1                       | Sheet                                  | 1 of 2                |  |  |  |
| 1. Owner           |  |                                     | 2. Plan                   |   |                   | ,                                  |                             |                          | Unit                                   |                       |  |  |  |
|                    | n Nuclear Operatir                                 |                                     |                           |   | •                 | clear Plant                        |                             |                          | F                                      | NP 1                  |  |  |  |
|                    | ness Center Parkw<br>ham, Alabama 352              | •                                   |                           | Highway 95 South<br>Columbia, Alabama 36319 |                   |                                    |                             |                          | Date                                   |                       |  |  |  |
|                    | t for Alabama Pow                                  |                                     |                           | Con   | umoia,            |                                    |                             |                          |  |                       |  |  |  |
|                    |  | • •                                 | <u> </u>                  |   |                   |                                    |                             |                          | Apri                                   | 29, 2003              |  |  |  |
| 3. Work perfo      | -  | <sup>4</sup>                        | 3.6_1_4                   | <b>D</b> 4                                  |                   | Type Code Symbol Stamp<br>N/A      |                             |                          |  |                       |  |  |  |
| Name : <u>80</u>   | outhern Nuclear Oper                               | nent                                | Authorization Number      |   |                   |                                    |                             |                          |  |                       |  |  |  |
|                    |  | Farley Nuclea                       |                           |   |                   |                                    |                             | N/A                      |  |                       |  |  |  |
| Address:           |  | Expiration D                        | ate                       | N/A   |                   |                                    |                             |                          |  |                       |  |  |  |
| 4. Identification  | on of System                                       |                                     | Sı                        | team Generate                               | or                | -                                  |                             |                          | ************************************** |                       |  |  |  |
| 5.                 |  |                                     |                           |   |                   |                                    |                             |                          |  | -                     |  |  |  |
| (a) Applicable Co  | onstruction Code:                                  | ASME Secti                          | on III,                   | 19 89                                       | Editi             | on N/A                             | Add                         | enda,                    | N/A                                    | Code Case             |  |  |  |
| (b) Applicable Se  | ection XI Utilized For I                           | Repairs Or Repl                     | acements,                 | 19 89                                       | _ Editi           | on N/A                             | Add                         | enda, _                  | N/A                                    | Code Case             |  |  |  |
|                    |  |                                     |                           |   |                   |                                    |                             |                          |  |                       |  |  |  |
| 6. Identification  | on of Components I                                 | Repaired or R                       | eplaced                   | and Replace                                 | ment (            | Components:                        |                             |                          |  |                       |  |  |  |
| Name of            | Name of  | Manufact                            |                           | National                                    |                   | Other                              | Year                        |                          | aired,                                 | ASME                  |  |  |  |
| Component          | Manufacturer                                       | Serial Nu                           | mber                      | Board                                       | Ide               | entification                       | Built                       | Replaced, or Replacement |  | Code                  |  |  |  |
| j                  |  |                                     |                           | No.   |                   |                                    |                             | Kepla                    | cement                                 | Stamped<br>(Yes / No) |  |  |  |
| Bolt               | Vicente Berrizbeitia                               | 182                                 |                           | N/A   | P.                | O. QP970783                        | 1999                        | Replaced                 |  | No                    |  |  |  |
|                    |  |                                     |                           |   |                   |                                    |                             |                          |  |                       |  |  |  |
| Bolt               | Vicente Berrizbeitia                               | UNKNO                               | WN                        | N/A P. O. QP                                |                   | O. QP970783                        | 1999 Re                     |                          | laced                                  | No                    |  |  |  |
| Bolt               | Vicente Berrizbeitia                               | UNKNOV                              | WN                        | N/A   | P.                | O. QP970783                        | 1999                        | . Rep                    | laced                                  | No                    |  |  |  |
|                    |  |                                     |                           |   |                   |                                    |                             |                          |  |                       |  |  |  |
| Bolt               | Ionics, Inc.                                       | 016                                 |                           | N/A   | P.                | O. QP020518                        | 2002 Repla                  |                          | cement                                 | No                    |  |  |  |
| Bolt               | lonics, Inc.                                       | 010                                 |                           | N/A   | Р.                | O. QP020518                        | 2002 Repla                  |                          | cement                                 | No                    |  |  |  |
| Bolt               | Ionics, Inc.                                       | 018                                 |                           | N/A   | P.                | O. QP020518                        | 2002 Repla                  |                          | ement                                  | No                    |  |  |  |
|                    |  |                                     |                           |   |                   |                                    |                             |                          |  |                       |  |  |  |
|                    |  |                                     |                           |   |                   |                                    |                             |                          |  |                       |  |  |  |
| 7. Description of  | [ Work   |                                     | *                         | <u> </u>                                    |                   |                                    |                             |                          |  |                       |  |  |  |
| During the remova  | al of the top of tube she<br>er 11B. The bolts had | eet hand hole co<br>to be destroyed | vers for Si<br>in order t | team Generator to be removed a              | r Q1B2<br>and new | 1H0001A, one (1) bolts were instal | ) bolt galle<br>led in thei | ed in cove<br>r place. I | er 10C and<br>Ref: MIF                 | d two (2)<br>'s       |  |  |  |
| 8. Test Conduct    |  |                                     |                           | ***************************************     |                   |                                    |                             |                          |  |                       |  |  |  |
| Hydrost            |  | ic 🛭 Norm                           | al Opera                  | ting Pressure                               |                   | None Oth                           | er                          | •                        |  |                       |  |  |  |
| Pressure           | e PSI 7  | Temperature _                       | °]                        | F   |                   |                                    |                             |                          |  |                       |  |  |  |
|                    |  |                                     |                           |   |                   |                                    |                             |                          |  |                       |  |  |  |

Form NIS-2 Owner's Report for Repairs or Replacements RType: L1.52 As required by the provisions of the ASME Code Section XI Job Number Sheet 2 of 2 B21 - WO03002421 9. Remarks (Applicable Manufacturer's Data Reports to be attached) **Certificate of Compliance** We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement ASME Code, Section XI. Type Code Symbol Stamp N/A Certificate of Authorization Number N/A Expiration Date 6-17-03 Maintenance Manager Date Signed Owner or Owner's Designee, Title **Certificate of Inservice Inspection** I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Scarl and employed by USB-CT have inspected the components described 6/19/03 , and state that in this Owner's Report during the period 4/17/03 to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. Shortes & Wand Commissions
Inspector's Signature

6/19/03

Date

National Board, State, Province, and Endorsements

RType: L1.52 As required by the provisions of the ASME Code Section XI Job Number B21 - WO03002423 Sheet 1 of 3 2. Plant 1. Owner Unit **Southern Nuclear Operating Company Farley Nuclear Plant** FNP 1 40 Inverness Center Parkway Highway 95 South Birmingham, Alabama 35242 Columbia, Alabama 36319 (as agent for Alabama Power Company) April 29, 2003 3. Work performed by Type Code Symbol Stamp Name: Southern Nuclear Operating Company Maintenance Department **Authorization Number** N/A Joseph M. Farley Nuclear Plant Address: **Expiration Date** N/A 4. Identification of System Steam Generator 5. (a) Applicable Construction Code: 19 N/A Code Case ASME Section III, Edition Addenda, (b) Applicable Section XI Utilized For Repairs Or Replacements, Addenda. 19 89 Edition Code Case 6. Identification of Components Repaired or Replaced and Replacement Components: **ASME** Name of Name of Manufacturer National Other Year Repaired, Serial Number Board Identification Built Component Manufacturer Replaced, or Code Replacement No. Stamped (Yes/No) Vicente Berrizbeitia Bolt 124 N/A P.O. QP970783 1999 Replaced No Vicente Berrizbeitia P.O. QP970783 1999 Bolt 212 N/A Replaced No Vicente Berrizbeitia Replaced Bolt 301 N/A P.O. QP970783 1999 No Vicente Berrizbeitia 1999 416 N/A P.O. QP970783 Replaced Bolt No Replaced Vicente Berrizbeitia UNKNOWN N/A P. O. QP970783 1999 Bolt No Rolt Vicente Berrizbeitia UNKNOWN N/A P.O. QP970783 1999 Replaced No Vicente Berrizbeitia UNKNOWN N/A P.O. OP970783 1999 Replaced No Bolt Vicente Berrizbeitia UNKNOWN N/A P.O. QP970783 1999 Replaced No 7. Description of Work During the removal of the top of tube sheet hand hole covers for Steam Generator Q1B21H0001C, four (4) bolts galled in cover 10B and four (4) bolts galled in cover 10C. The bolts had to be destroyed in order to be removed and new bolts were installed in their place. Ref: MIFs 23037111 & 03037133. 8. Test Conducted Pneumatic Normal Operating Pressure None Other Hydrostatic \_\_\_\_ PSI Temperature \_\_\_\_\_ °F

Form NIS-2 Owner's Report for Repairs or Replacements RType: L1.52 As required by the provisions of the ASME Code Section XI Job Number B21 - WO03002423 Sheet 2 of 3 2. Plant Unit 1. Owner Southern Nuclear Operating Company **Farley Nuclear Plant** 40 Inverness Center Parkway **Highway 95 South** FNP I Birmingham, Alabama 35242 Columbia, Alabama. 36319 Date (as agent for Alabama Power Company) April 29, 2003 3. Work performed by Type Code Symbol Stamp Name: Southern Nuclear Operating Company Maintenance Department **Authorization Number** N/A Address: Joseph M. Farley Nuclear Plant **Expiration Date** N/A 4. Identification of System Steam Generator 5. Code Case 19 89 Edition N/A N/A (a) Applicable Construction Code: Addenda. ASME Section III, N/A N/A Code Case (b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition Addenda. 6. Identification of Components Repaired or Replaced and Replacement Components: Name of Name of Manufacturer National Other Year Repaired, ASME Replaced, or Component Manufacturer Serial Number Board Identification Built Code Replacement No. Stamped (Yes/No) Bolt lonics, Inc. 011 N/A P. O. QP020518 2002 Replacement No Bolt lonics. Inc. 012 N/A P. O. QP020518 2002 Replacement No Bolt Ionics, Inc. 013 N/A P. O. OP020518 2002 Replacement No Replacement Bolt Ionics, Inc. 014 N/A P. O. QP020518 2002 No N/A 2002 Replacement **Bolt** Ionics, Inc. 020 P.O. QP020518 No lonics, Inc. N/A 2002 Bolt 021 P.O. OP020518 Replacement No Ionics, Inc. N/A P. O. QP020518 2002 Replacement **Bolt** 022 No Ionics, Inc. 023 N/A P. O. QP020518 2002 Bolt Replacement No

#### Form NIS-2 Owner's Report for Repairs or Replacements RType: L1.52 As required by the provisions of the ASME Code Section XI Job Number Sheet 3 of 3 B21 - WO03002423 9. Remarks (Applicable Manufacturer's Data Reports to be attached) **Certificate of Compliance** We certify that the statements made in the report are correct and this replacement \_ conforms to the rules of the repair or replacement ASME Code, Section XI. Type Code Symbol Stamp N/A Certificate of Authorization Number N/A Expiration Date 6-17-03 Maintenance Manager Date Signed Owner or Owner's Designee, Title **Certificate of Inservice Inspection** I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by \_\_\_\_\_HSB-CT in this Owner's Report during the period 4/17/03 to have inspected the components described 6/19/c3 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this

As required by the provisions of the ASME Code Section XI Job Number B21 - WO03002103 Sheet 1 of 2 1. Owner 2. Plant Unit Southern Nuclear Operating Company **Farley Nuclear Plant** FNP 1 40 Inverness Center Parkway Highway 95 South Birmingham, Alabama 35242 Columbia, Alabama 36319 Date (as agent for Alabama Power Company) April 29, 2003 3. Work performed by Type Code Symbol Stamp Name: Southern Nuclear Operating Company Maintenance Department **Authorization Number** N/A Address: Joseph M. Farley Nuclear Plant **Expiration Date** N/A 4. Identification of System Steam Generator 5. (a) Applicable Construction Code: 89 Edition 19 N/A Addenda, N/A Code Case ASME Section III, N/A (b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N-496-1 Code Case Addenda. 6. Identification of Components Repaired or Replaced and Replacement Components: Name of Name of Manufacturer National Other Year ASME Repaired, Component Manufacturer Serial Number Board Identification Built Replaced, or Code No. Replacement Stamped (Yes/No) Emhart Fastening 95582 N/A P. O. OP020515 2001 Helicoil Replacement No **Teknologies** 7. Description of Work In removing handhole covers 10B and 10D on Steam Generator Q1B21H0001C, several bolts were galled. Helicoils were installed in bolt hole # 4 (per FNP-0-MP-100.03, hole # 7 per Westinghouse procedure) on the 10B cover and in bolt hole # 6 (per both procedures) on the 10D cover. lef: MIF 03036193. 8. Test Conducted Pneumatic Normal Operating Pressure None Other Hydrostatic PSI Temperature \_\_\_\_\_ °F

RType: L1.52

As required by the provisions of the ASME Code Section XI Job Number B21 - WO03002103 Sheet 2 of 2 9. Remarks (Applicable Manufacturer's Data Reports to be attached) **Certificate of Compliance** We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement ASME Code, Section XI. Type Code Symbol Stamp Certificate of Authorization Number N/A Expiration Date N/A Maintenance Manager Date 6-16-03 Signed Owner or Owner's Designee, Title **Certificate of Inservice Inspection** I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by MSB-CT NAKTFORD, CONVECTICUT have inspected the components described 4/9/c3 to in this Owner's Report during the period 6/17/63 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. Commissions 64 328
Inspector's Signature National National Board, State, Province, and Endorsements

As required by the provisions of the ASME Code Section XI Job Number B21 - WO03002127 Sheet 1 of 2 2. Plant 1. Owner Unit Southern Nuclear Operating Company Farley Nuclear Plant FNP 1 **40 Inverness Center Parkway** Highway 95 South Birmingham, Alabama 35242 Columbia, Alabama 36319 Date (as agent for Alabama Power Company) April 29, 2003 3. Work performed by Type Code Symbol Stamp Name: Southern Nuclear Operating Company Maintenance Department **Authorization Number** Joseph M. Farley Nuclear Plant Address: **Expiration Date** N/A 4. Identification of System Steam Generator (a) Applicable Construction Code: 89 Edition N/A Addenda, Code Case ASME Section III, (b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N-496-1 Code Case 6. Identification of Components Repaired or Replaced and Replacement Components: Name of Name of Manufacturer National Other Year Repaired, **ASME** Component Manufacturer Serial Number Board Identification Built Replaced, or Code No. Replacement Stamped (Yes/No) N/A 2001 Helicoil **Emhart Fastening** 95582 P. O. QP020515 Replacement No Teknologies 7. Description of Work In removing handhole covers 11B on Steam Generator Q1B21H0001A, at least one bolt was galled. A helicoil was installed in bolt hole #7 (per FNP-0-MP-100.03, hole # 8 per Westinghouse procedure) on the 11B cover. Ref: MIF 03036689. 8. Test Conducted Pneumatic Normal Operating Pressure None Other Hydrostatic PSI Temperature \_\_\_\_\_ °F

Form NIS-2 Owner's Report for Repairs or Replacements RType: L1.52 As required by the provisions of the ASME Code Section XI Job Number B21 - WO03002127 Sheet 2 of 2 9. Remarks (Applicable Manufacturer's Data Reports to be attached) Certificate of Compliance replacement repair or replacement We certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp N/A Certificate of Authorization Number N/A Expiration Date Maintenance Manager Date 6-16-07 Signed Owner or Owner's Designee, Title **Certificate of Inservice Inspection** I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by 45/3-CT have inspected the components described HARTFORD CONNECTICUT in this Owner's Report during the period 4/5/03 6/17/13 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall

be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Commissions

Inspector's Signature

Commissions

Output

Date

Commissions

Commissions

National Board, State, Province, and Endorsements

Date

Commissions

National Board, State, Province, and Endorsements

As Required By The Provisions Of The ASME Code Section XI Job Number Sheet 1 of 2 E11 - WO02007296 2. Plant Unit 1. Owner Southern Nuclear Operating Company Farley Nuclear Plant FNP 1 Highway 95 South 40 Inverness Center Parkway Date Columbia, Al. 36319 Birmingham, Alabama 35242 (as agent for Alabama Power Company) April 17, 2003 3. Work Performed By Type Code Symbol Stamp N/A Name: Southern Nuclear Operating Company Maintenance Department **Authorization Number** N/A Address: Joseph M. Farley Nuclear Plant **Expiration Date** N/A 4. Identification Of System Residual Heat Removal System 5. (a) Applicable Construction Code: 19 Edition Addenda, Code Case See sheet 2, (b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case 6. Identification Of Components Repaired Or Replaced and Replacement Components: **ASME** Name Of Manufacturer National Repaired Name Of Other Year Code Component Manufacturer Serial Number Board Identification Built Replaced Or Stamped No. Replacement (Yes / No) Hyd. Snubber ITT Grinnell No Tag N/A P.O. FNP - 222 1976 Replaced No P.O. FNP - 222 Hyd. Snubber ITT Grinnell 13952 N/A 1976 Replacement No 7. Description Of Work Snubber RHR-R95 was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was replaced with another ITT Grinnell snubber by Williams Power Corporation. Ref: Replacement snubber was part of the deletion scope from EXAM 432 location. Test Conducted \_\_ Hydrostatic \_\_ Pneumatic \_\_ Normal Operating Pressure 🔀 None 🔲 Other Temperature °F

Form NIS-2 Owner's Report For Repairs Or Replacements
As Required By The Provisions Of The ASME Code Section XI

| As Required by The Provisions of The Asian Code Section Af  | Job Number   |                                      |
|---|--|--------------------------------------|
|   | E11 - WO02007296   | Sheet 2 of 2                         |
| 9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)  |  |                                      |
|   |  |                                      |
|   |  |                                      |
|   |  |                                      |
|   |  |                                      |
|   |  |                                      |
|   |  |                                      |
| •   |  |                                      |
|   |  |                                      |
| •   |  | ~                                    |
| Pipe hanger was designed to AISC requirements and welded to AWS requirements using mate   | erial traceability requirements of ASME                            | Section III                          |
| Pipe lianger was designed to AISC requirements and wedged to AwS requirements using made  | cial flaceability requirements of ASME                             | Section III.                         |
|   |  |                                      |
| Certificate of Complian   | 100  |                                      |
| Cer uncate of Comphan   | icc  |                                      |
| We certify that the statements made in this report are correct and this ASME Code, Section XI. repair   | replacement conform  | ms to the rules of the               |
|   | •  |                                      |
| Type Code Symbol Stamp  | N/A  |                                      |
| Certificate of Authorization Number N/A   | Expiration Date  | N/A                                  |
| Signed  | Date 5/11/0:   | 3                                    |
| Owner or Owner's Designee, Title  |  |                                      |
|   |  |                                      |
|   | • • • •  |                                      |
| Certificate of Inservice Ins  | pection  |                                      |
| T shows dominant holding a wall a constitution from the star New York   | D1-CD-"1D  | 17                                   |
| I, the undersigned, holding a valid commission issued by the National and the State or Province of and Employee   |  | essel inspectors of                  |
| HARTFORD, COMMECTICAT   | have inspected the co  | •                                    |
| in this Owner's Report during the period up to to the best of my knowledge and belief, the Owner has performed examinations                                   | 5/29/03  | , and state that                     |
| Owner's Report in accordance with the requirements of the ASME Code, Section  | on XI.   |                                      |
| By signing this certificate neither the Inspector nor his employer makes  | any warranty, expressed or imp                                     | lied, concerning                     |
| the examinations and corrective measures described in this Owner's Report. F shall be liable in any manner for any personal injury or property damage or loss | urthermore, neither the inspectors of any kind arising from or cor | or nor his employer nected with this |
| inspection.   | •  |                                      |
|   | 926  |                                      |
| Inspector's Signature Commissions   | 328<br>National Board, State, Province, a                          | nd Endorsements                      |
|   | • •  |                                      |
| Date <u>5/29/3</u>  |  |                                      |

|   |  |  |            |                          |                      | Job Number                          |                           |                        |                           |                                     |
|---|--|--|------------|--------------------------|----------------------|-------------------------------------|---------------------------|------------------------|---------------------------|-------------------------------------|
|   |  |  |            |                          | ,                    | E21 - W                             | 0020074                   | 17                     | Sheet                     | 1 of 2                              |
| 1. Owner  | Nuclear Or and   | Comme                                  | 2. P       |                          | A 37                 | olean Diama                         |                           |                        | Unit                      |                                     |
|   | Nuclear Operating<br>less Center Parkwa                                |  |            |                          |                      | clear Plant<br>S South              |                           |                        | F                         | NP 1                                |
| Birmingh  | a <mark>m, Al</mark> abama 3524  | 2                                      |            |                          |                      | , AL 36319                          |                           |                        | Date                      |                                     |
| (as agent   | for Alabama Powe   | r Company)                             |            |                          |                      |                                     |                           |                        | Apri                      | 1 23, 2003                          |
| 3. Work Performed By  Name: Southern Nuclear Operating Company Maintenance Department |  |  |            |                          |                      |                                     | ymbol St                  |                        | //A                       | -                                   |
| Name : <u>So</u>  | utnern Nuclear Ope   | rating Compan                          | y Mainte   | nance Depart             | ment                 | Authorizatio                        | n Numbe                   |                        | / <b>/A</b>               |                                     |
| Address:  | Joseph M.  | Farley Nuclea                          | r Plant    |                          |                      | Expiration D                        | ate                       | N                      | /A                        |                                     |
| 4. Identificati   | on Of System   | Che                                    | mical an   | d Volume Co              | ntrol S              | ystem                               |                           |                        |                           |                                     |
| 5. (a) Applicable Co (b) Applicable Se  | enstruction Code:<br>ction XI Utilized For                             | See sheet<br>Repairs Or Rep            |            | 19<br>s, 19 <u>89</u>    | Edit<br>Edit         | ion<br>ion N/A                      |                           | lenda,<br>lenda,       | N/A                       | Code Case<br>Code Case              |
| 6. Identification   | n Of Components  | Repaired Or l                          | Replace    | d and Replac             | ement                | Components:                         |                           |                        |                           |                                     |
| Name Of<br>Component  | Name Of<br>Manufacturer  | Munufact<br>Serial Nu                  |            | National<br>Board<br>No. | Id                   | Other<br>entification               | Year<br>Built             | Repla                  | aired<br>ced Or<br>cement | ASME<br>Code<br>Stamped<br>(Yes/No) |
| Mech. Snubber   | Pacific Scientific   | 34204                                  |            | N/A                      | P.                   | O. QP1299                           | 1983                      | Repl                   | aced                      | Yes                                 |
| Load Stud   | Pacific Scientific   | Unknow                                 | n          | N/A                      | P.C                  | D. FNP - 222                        | 1975                      | Repl                   | aced                      | No                                  |
| Load Stud Nuts  | Pacific Scientific   | Unknow                                 | n          | N/A                      | P.C                  | D. FNP - 222                        | 1975                      | Repl                   | aced                      | No                                  |
|   |  | ************************************** |            |                          | <del></del>          |                                     |                           |                        |                           |                                     |
| Hyd. Snubber  | Lisega   | 0261551./                              | 068        | N/A                      | P.C                  | ). QP020655                         | 2002                      | Replac                 | ement                     | No                                  |
| Load Stud   | Pacific Scientific   | N2498                                  |            | N/A                      | P.                   | O. QP1536                           | 1987                      | Replac                 | ement                     | No                                  |
| Load Stud Nuts  | Grinnell   | Unknow                                 | n.         | N/A                      | P.                   | O. QP3129                           | 1989                      | Replac                 | ement                     | No                                  |
|   |  |  |            |                          |                      |                                     |                           | ·                      |                           |                                     |
|   |  |  |            |                          |                      |                                     |                           |                        |                           |                                     |
| hydraulic snubber<br>removal were repla   | B was removed from it<br>by Williams Power Co<br>aced with approved eq | orporation as par                      | t of a sch | eduled upgrade           | n, tested<br>program | l by Wyle Labora<br>m. The load stu | itories and<br>I and load | was repli<br>stud nuts | aced with<br>damaged      | a Lisega<br>I during                |
| 8. Test Conduc<br>Hydrost<br>Pressure   |  | ic Norms                               |            |                          | ⊠ N                  | one Dothe                           | r                         |                        |                           |                                     |
|   |  |  |            |                          |                      |                                     |                           |                        |                           |                                     |

Form NIS-2 Owner's Report For Repairs Or Replacements RType: L1.52 As Required By The Provisions Of The ASME Code Section XI Job Number Sheet 2 of 2 E21 - WO02007417 Remarks (Applicable Manufacturer's Data Reports To Be Attached) \* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III. Certificate of Compliance We certify that the statements made in this report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement Type Code Symbol Stamp N/A Expiration Date Certificate of Authorization Number Signed Date Owner or Owner's Designee, Title

| Се   | rtificate of Ir   | service Inspe      | ction          |                      |                      |
|--|-------------------|--------------------|----------------|----------------------|----------------------|
| I, the undersigned, holding a valid com  | mission issued t  | y the National Bo  | oard of F      | Boiler and Pressure  | Vessel Inspectors    |
| and the State or Province of Georgia   |                   | and Employed       |                |                      | of                   |
| HARTFORD, CONNECTICUT  |                   |                    |                | have inspected the   | components described |
| in this Owner's Report during the period to the best of my knowledge and belief, the Own | 3/20/03           | to                 | 5/             | 129/03               | , and state that     |
| to the best of my knowledge and belief, the Own  | ner has performe  | ed examinations as | nd taken       | corrective measure   | es described in this |
| Owner's Report in accordance with the requirer   |                   |                    |                |                      |                      |
| By signing this certificate neither the Ins  | pector nor his en | nployer makes any  | y warrar       | nty, expressed or in | nplied, concerning   |
| the examinations and corrective measures descr   |                   |                    |                |                      |                      |
| shall be liable in any manner for any personal ir  |                   |                    |                |                      |                      |
| inspection.  |                   | •                  | •              | - C                  |                      |
| 11 11111   | Commi             | ssions / 4 T       | <del>,</del> 7 |                      | TAIA                 |

National Board, State, Province, and Endorsements

hspector's Signature

Date 5/29/03

|   |  |                             |             | ٠                        |            | Job Number                            |   |                  |                           |                                       |
|---|--|-----------------------------|-------------|--------------------------|------------|---------------------------------------|---|------------------|---------------------------|---------------------------------------|
|   |  |                             |             |                          |            | E21 - W                               | D020074                                 | 16               | Sheet                     | 1 of 2                                |
| 1. Owner  |  |                             | 2. P        |                          |            |                                       | •                                       |                  | Unit                      |                                       |
|   | Nuclear Operating tess Center Parkwa                   |                             |             |                          |            | clear Plant<br>95 South               |   | ·                | F                         | NP 1                                  |
| Birmingh  | am, Alabama 3524                                       | 5242 Columbia, AL 36319     |             |                          |            | Date                                  |   |                  |                           |                                       |
| (as agent   | for Alabama Powe                                       | r Company)                  |             |                          |            |                                       |   |                  | Apri                      | 1 23, 2003                            |
| 3. Work Performed By Type Cod                                   |  |                             |             |                          |            |                                       |   |                  | VA                        |                                       |
| Name: Southern Nuclear Operating Company Maintenance Department |  |                             |             |                          |            | Authorizatio                          | n Numbe                                 |                  | VA                        |                                       |
| Address:  | Joseph M.  | Farley Nuclea               | r Plant     |                          | -          | Expiration D                          | ate                                     | N                | VA                        |                                       |
| 4. Identificati   | on Of System   | Che                         | mical an    | d Volume Co              | ntrol S    | ystem                                 | *************************************** |                  |                           |                                       |
| 5. (a) Applicable Co (b) Applicable Se                          | onstruction Code:<br>ection XI Utilized For            | See sheet<br>Repairs Or Rep |             | 19<br>s, 19 <u>89</u>    | Edi<br>Edi | tion<br>Lion N/A                      |   | lenda,<br>lenda, | N/A                       | Code Case<br>Code Case                |
| 6. Identification   | n Of Components  | Repaired Or                 | Replace     | d and Replac             | ement      | Components:                           | <del>_</del>                            |                  |                           |                                       |
| Name Of<br>Component  | Name Of<br>Manufacturer                                | Manufact<br>Seriał Nuz      |             | National<br>Board<br>No. | Id         | Other<br>lentification                | Year<br>Built                           | Repla            | aired<br>ced Or<br>cement | ASME<br>Code<br>Stamped<br>(Yes / No) |
| Mech. Snubber   | Pacific Scientific                                     | 33469                       |             | N/A                      | P          | P.O. QP1299                           | 1983                                    | Rep              | laced                     | Yes                                   |
|   |  |                             |             |                          |            |                                       |   |                  |                           |                                       |
| Hyd. Saubber  | Lisega   | 0261551./                   | 096         | N/A                      | P.6        | O. QP020655                           | 2002                                    | Repla            | cement                    | No                                    |
|   |  |                             | <del></del> |                          |            |                                       |   |                  |                           |                                       |
|   |  |                             |             |                          |            |                                       |   |                  |                           |                                       |
|   |  |                             | ···         |                          |            | · · · · · · · · · · · · · · · · · · · |   |                  |                           |                                       |
| •   |  |                             |             |                          |            |                                       |   |                  |                           |                                       |
|   |  |                             |             |                          |            |                                       |   |                  |                           |                                       |
|   |  |                             |             |                          |            |                                       |   |                  |                           |                                       |
|   | Of Work<br>was removed from its<br>by Williams Power C |                             |             |                          |            |                                       |   | vas replac       | ced with a                | ı Lisega                              |
| 8. Test Conduc  | tatic Pneumat  |                             | •           | ing Pressure             | × ×        | lone   Othe                           | r                                       |                  |                           |                                       |
| Pressur   | e PSI '  | Temperature _               |             | E                        |            |                                       |   |                  |                           |                                       |

## Form NIS-2 Owner's Report For Repairs Or Replacements As Required By The Provisions Of The ASME Code Section XI

|   | Job Number   |
|---|--|
|   |  |
|   | E21 - WO02007416 Sheet 2 of 2  |
| 9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)  |  |
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|   | The strategic angles are a second and the second an |
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|   |  |
| * Pipe hanger was designed to AISC requirements and welded to AWS requirements using  | material traceability requirements of ASME Section III.  |
|   |  |
|   |  |
| Certificate of Compl  | liance   |
|   |  |
| We certify that the statements made in this report are correct and this   | replacement conforms to the rules of the   |
| ASME Code, Section XI.  | epair or replacement   |
| Type Code Symbol Stamp  | /A   |
|   |  |
| Certificate of Authorization Number N/A   | Expiration Date N/A  |
| Signed SMov   | Date 8/15/83   |
| Owner or Owner's Designee, Title  |  |
|   |  |
|   |  |
|   |  |
| Certificate of Inservice I  | nspection  |
|   | •  |
| I, the undersigned, holding a valid commission issued by the Nation   |  |
| and the State or Province of Georgia and Empl   | oyed by <u>H5B-CT</u> of have inspected the components described   |
|   | nave inspected the components described $5/28/3$ , and state that  |
| to the best of my knowledge and belief, the Owner has performed examinati   | ons and taken corrective measures described in this  |
| Owner's Report in accordance with the requirements of the ASME Code, Se   |  |
| By signing this certificate neither the Inspector nor his employer makes the examinations and corrective measures described in this Owner's Report. |  |
| shall be liable in any manner for any personal injury or property damage or   | loss of any kind arising from or connected with this   |
| inspection.   |  |
|   |  |
| Though & Wand Commissions   | GA 328 INA   |
| Inspector's Signature Commissions   | National Board, State, Province, and Endorsements  |
| <i>(</i>  |  |
| Date <u>5/28/03</u>   |  |
|   |  |

|  |   |                             |                  |                          |              | Job Number            |               |                  |                           |                                       |
|--|---|-----------------------------|------------------|--------------------------|--------------|-----------------------|---------------|------------------|---------------------------|---------------------------------------|
|  |   |                             |                  |                          |              | E21 - W               | 0020073       | 14               | Sheet                     | 1 of 2                                |
| 1. Owner                               | Nuclear Operating                                     | Campany                     | 2. P             |                          | lan Nu       | clear Plant           |               |                  | Unit                      |                                       |
| 40 Invern                              | ess Center Parkwa                                     | v                           |                  | Hig                      | hway S       | 5 South               |               |                  | F                         | NP 1                                  |
|  | am, Alabama 3524<br>for Alabama Powe                  |                             |                  | Coli                     | ımbia,       | AL 36319              |               |                  | Date                      |                                       |
| (as agent                              | ior Aiabama Powe                                      | r Company)                  |                  |                          |              |                       |               |                  | Apri                      | 13, 2003                              |
| 3. Work Perfo                          | Type Code S   | ymbol St                    |                  | //A                      |              |                       |               |                  |                           |                                       |
| Name: <u>So</u>                        | uthern Nuclear Ope                                    | rating Compan               | y Mainte         | nance Depart             | ment         | Authorization         | n Numbe       |                  | //A                       |                                       |
| Address:                               | Joseph M.   | Farley Nuclea               | r Plant          |                          |              | Expiration D          | ate           | N                | //A                       |                                       |
| 4. Identificati                        | on Of System  | Che                         | mical <b>a</b> n | d Volume Co              | ntrol S      | ystem                 |               |                  | -                         |                                       |
| 5. (a) Applicable Co (b) Applicable Se | nstruction Code:<br>ction XI Utilized For             | See sheet<br>Repairs Or Rep | 2,<br>lacement   | 19<br>s, 19 <u>89</u>    | Edit<br>Edit |                       |               | lenda,<br>lenda, |                           | Code Case<br>Code Case                |
| 6. Identification                      | of Components   | Repaired Or 1               | Replaced         | i and Replac             | ement        | Components:           |               |                  |                           |                                       |
| Name Of<br>Component                   | Name Of<br>Manufacturer                               | Manufact<br>Serial Nur      |                  | National<br>Board<br>No. | Id           | Other<br>entification | Year<br>Built | Repla            | aired<br>ced Or<br>cement | ASME<br>Code<br>Stamped<br>(Yes / No) |
| Load Stud                              | Pacific Scientific                                    | Unknow                      | n                | N/A                      | P.           | O. FNP-222            | 1975          | Repl             | laced                     | No                                    |
| Load Stud Nuts                         | Pacific Scientific                                    | Unknow                      | n                | N/A                      | P.           | O. FNP-222            | 1975          | Repl             | laced                     | No                                    |
|  |   |                             | <u> </u>         |                          |              |                       |               |                  |                           |                                       |
| Load Stud                              | Grinnell  | Unknow                      | n                | N/A                      | P.           | .O. QP3129            | 1989          | Replac           | ement                     | No                                    |
| Load Stud Nuts                         | Grinnell  | Unknow                      | n ·              | N/A                      | P.           | .O. QP3129            | 1989          | Replac           | ement                     | No                                    |
|  |   | -                           |                  |                          |              |                       |               |                  |                           |                                       |
| ·                                      |   |                             |                  |                          |              |                       |               |                  |                           |                                       |
|  |   |                             |                  |                          |              |                       |               |                  |                           |                                       |
|  | 0.617   |                             |                  |                          |              |                       |               | <u></u>          |                           |                                       |
| Power Corporation<br>Ref: MIF 030356   | A was removed from it<br>a. The load stud and k<br>50 |                             |                  |                          |              |                       |               |                  | stalled by                | Williams                              |
| 8. Test Conduc<br>Hydrost<br>Pressure  |   | ic Norms                    |                  | _                        | ⊠ n          | one Dthe              | r             |                  |                           |                                       |

# Form NIS-2 Owner's Report For Repairs Or Replacements As Required By The Provisions Of The ASME Code Section XI

| • •  | Job Number   |  |
|--|--|--|
|  | E21 - WO02007314                                       | Sheet 2 of 2                           |
| 9. Remarks (Applicable Manufacturer's Data Reports To Be Attach  | ed)  |  |
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|  |  | •                                      |
|  | <u> </u>   | _                                      |
|  |  |  |
| * Pipe hanger was designed to AISC requirements and welded to AWS requirements   | nts using material traceability requirements of ASME S | ection III.                            |
|  |  |  |
|  |  |  |
| Certificate of C   | Compliance   |  |
| We certify that the statements made in this report are correct and this  | replacement conform                                    | s to the rules of the                  |
| Type Code Symbol Stamp N/A   | •  |  |
|  | Expiration Date NIA                                    | ······································ |
| 2111   | elet.  |  |
| Owner or Owner's Designee, Title   | Duit   |  |
|  |  |  |
|  |  | ·                                      |
| Certificate of Inser   | vice Inspection  |  |
| I, the undersigned, holding a valid commission issued by the   | e National Board of Boiler and Pressure Ves            | ssel Inspectors                        |
|  |  | of                                     |
| in this Owner's Report during the period   | to 5/12/03   | , and state that                       |
| to the best of my knowledge and belief, the Owner has performed ex   |  | escribed in this                       |
|  |  | ed concerning                          |
|  |  |  |
|  |  |  |
|  |  |  |
| Inspector's Signature Commission   | National Board, State, Province, and                   | Endorsements                           |
| * Pipe langer was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III.  * Pipe langer was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III.  **Certificate of Compliance**  **We cartify that the statements made in this report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.  **Type Code Symbol Stamp**  **N/A**  **Certificate of Authorization Number**  **N/A**  **Certificate of Authorization Number**  **N/A**  **Date**  **Certificate of Authorization Number**  **N/A**  **Certificate of Inservice Inspection**  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of **Centure of the ASME Code, Section XI.*  **Difference**  **Certificate of Inservice Inspection**  **Inservice Inservice  |  |
| Jii Jii Jii Jii Jii Jii Jii Jii Jii Jii  |  |  |

RType: L1.52

As required by the provisions of the ASME Code Section XI Job Number P16 DCP 9669.01 Sheet 1 of 2 2. Plant Unit 1. Owner **Southern Nuclear Operating Company Farley Nuclear Plant** FNP 1 40 Inverness Center Parkway Highway 95 South Birmingham, Alabama 35242 Columbia, Alabama 36319 (as agent for Alabama Power Company) Nov. 12, 2002 3. Work performed by Type Code Symbol Stamp Name: Southern Nuclear Operating Company-Outage and Modifications **Authorization Number** N/A Address: Joseph M. Farley Nuclear Plant **Expiration Date** N/A 4. Identification of System Service Water 5. **ASME 111 SUM 71** (a) Applicable Construction Code: 19 71 Edition Addenda, N/A Code Case 19 89 Edition (b) Applicable Section XI Utilized For Repairs Or Replacements, N/A N/A Addenda, Code Case 6. Identification of Components Repaired or Replaced and Replacement Components: Manufacturer National **ASME** Name of Name of Other Year Repaired, Manufacturer Serial Number Board Identification Built Component Replaced, or Code Replacement No. Stamped (Yes/No) N/A P16 HBB-8-2003 Replacement Piping SNCO P16 No WO# 11606 Valvo Anchor/Darling ET664-1-1 N/A Q1P16V075 1994 Replaced YES **Fiowserve** Valve Corporation E548T-1-1 N/A **Q1P16V075** 2002 Replacement YES 7. Description of Work This report documents the replacement of check valve Q1P16V075 along with some pipe and pipe fittings per MWR 2004472 and Q-1-P16-(S01-1-9669)-WO# 11606 per DCP S01-1-9669. Piping (6"-HBB-8) was modified by addition of a slip on flange. 8. Test Conducted Pneumatic Normal Operating Pressure None Hydrostatic PSI Temperature \_\_\_\_ °F

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# Form NIS-2 Owner's Report for Repairs or Replacements As required by the provisions of the ASME Code Section XI

|  | Job Number                            |                                      |
|--|---------------------------------------|--------------------------------------|
| · · · · · · · · · · · · · · · · · · ·  | P16 DCP 9669.01                       | Sheet 2 of 2                         |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached)   |                                       |                                      |
| See DCP Issue History Report and Traveler Bill of Materials for applicable Material Issue numbers  | <del></del>                           |                                      |
| Piping was modified per DCP S01-1-9669 and Traveler Work Order No. Q-1-P16-(S01-1-9669)-W  | O# 11606. The Containment Isolation C | heck Valve                           |
| Q1P16V075 was replace under the same Traveler Work Order No. Q-1-P16-(S01-1-9669)-WO# 11   | 606 and Work Request No. 2004472.     |                                      |
| Manufacture's Data Report for the Replacement Valve is on file in P.O.# QP020087.  | •••                                   |                                      |
|  |                                       |                                      |
|  |                                       | ·                                    |
|  |                                       |                                      |
|  |                                       |                                      |
| Certificate of Complian  | re                                    |                                      |
| · · ·  | •                                     |                                      |
| ·  | placement conform<br>r replacement    | s to the rules of the                |
| Type Code Symbol Stamp N   | I/À                                   |                                      |
| Certificate of Authorization NumberN/A   | Expiration Date                       | N/A                                  |
| Signed Pru Gen O+m Mgr O&M Man Owner's Designee, Title   | nager Date 4/19/0                     | ) ]                                  |
|  |                                       |                                      |
| Certificate of Inservice Insp  | ection                                |                                      |
| I, the undersigned, holding a valid commission issued by the National Board of   | Railer and Pressure Vessel Inspe      | ectors and the State                 |
| or Province of <u>Georges</u> and employed by <u>wastroe</u>   | STEAM BOILER OF CT                    | of                                   |
| in this Owner's Report during the period 1/20/03 to  | have inspected the con                | nponents described<br>and state that |
| to the best of my knowledge and belief, the Owner has performed examinations   | and taken corrective measures de      |                                      |
| Owner's Report in accordance with the requirements of the ASME Code, Section By signing this certificate neither the Inspector nor his employer makes any war              |                                       | cerning the                          |
| examinations and corrective measures described in this Owner's Report. Furthe be liable in any manner for any personal injury or property damage or loss of an inspection. | rmore, neither the Inspector nor      | his employer shall                   |
| Menles Gland Commissions GN  | 328IX                                 | <sub>IA</sub>                        |
| Marke Gland Commissions GN Inspector's Signature  Date 4/19/63   | National Board, State, Province, and  | Endorsements                         |
| Date 4/19/03   |                                       |                                      |

\* CORRECTED COPY - 4/22/03

### FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES. As Required by the Provisions of the ASME Code, Section III, Division 1

Pg. 1 of \_\_\_\_\_

| 1. Manufactured and    | Flor                 | wserve Corp  | oration, 701 | First Street,    | Williamsport, F        | A. 17701           |                 |
|------------------------|----------------------|--------------|--------------|------------------|------------------------|--------------------|-----------------|
|                        |                      |              | in a         | në and address i | of Ni Cartificate Hoid | ed:                |                 |
| 2. Manufactured for    | Alabama Power        | Company, 1   | P.O. Box 26  | 41, Birming      | ham, AL. 36319.        |                    |                 |
| •                      |                      |              | fname        | and address of   | Putchased              |                    |                 |
| 3. Location of install | tion Farley Nuc      | lear Station | Highway 5    | South, Col       | umbia, AL. 332         | 91-0116            | ···             |
|                        |                      | Check        |              | W1000 2000       |                        | A                  | CEU N/A         |
| 4. Model No., Series   | No., or Type         |              | . Drawing .  | W 0223703        | Rev                    | <u>^</u>           | CRNN/A          |
| 5. ASME Code, Sect     | ion III. Division 1: | 1989         |              | -                | 2                      |                    | N/A             |
| •                      |                      | fedition     | n)           | (addenda data)   | (class                 | 7                  | (Code Case no.) |
| 6. Pump or valve       | Valve                | Nominal Ink  | et size      | _6               | . Outlet size          | 6                  | i.              |
| 7. Material: Body      | SA351-CF3M           | Bonnet       | N/A          | (6a.)<br>Disk    | SA479-316              | (in.)<br>Bolting . | N/A             |
| 4.03                   | ш                    |              | (c)          | ٠.               | <b>t</b> d)            |                    | (e)             |
| · (a)<br>Cert.         | Nat'i                |              | Body         | ,                | Bonnet                 |                    | te/<br>Disk     |
| Holder's               | Board                |              | Serial       |                  | Secial                 |                    | Serial          |
| Serial No.             | No.                  |              | No.          | •                | No.                    | -                  | No.             |
| E548T-1-1              | N/A                  |              | SN: R        | <del>77</del> -  | N/A                    | H                  | (# 527611 (1-1) |
|                        |                      |              |              |                  |                        |                    |                 |
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<sup>\*</sup>Supplemental information in form of Ests, sketches, or drawings may be used provided (1) size is 8 % × 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

# FORM NPV-1 (Back - Pg. 2 of \_2\_)

| 10. Hydrostric text 425 pel. Dick differential text pressure 303  10. Hydrostric text 425 pel. Dick differential text pressure 303  11. Remarker Materials: Seat Ring: SA351-CF3M: HTW M5605, SN: 1  11. Remarker Materials: Seat Ring: SA351-CF3M: HTW M5605, SN: 1  12. Dick Miles Seat Ring: SA351-CF3M: HTW M5605, SN: 1  13. Dick Miles Seat Ring: SA351-CF3M: HTW M5605, SN: 1  14. Reg. no. 439036R  CERTIFICATE OF COMPLIANCE  We cartify that the statements made in this report are correct and that this pump or valve conforms to the nales for construction of the ASLIE Code, Section III, Dickion 1.  NIT12  CERTIFICATE OF COMPLIANCE  We cartify that the statements made in this report are correct and that this pump or valve conforms to the nales for construction of the Assall Code, Section III, Dickion II.  NIT12  CERTIFICATE OF EMSPECTION  CERTIFICATE OF INSPECTION  A ALL Reg. no. 439036R  CERTIFICATE OF COMPLANCE  THAT INSPECTION  CERT |
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Form NIS-2 Owner's Report for Repairs or Replacements

As required by the provisions of the ASME Code Section VI

| As required by the  | provisions of the AS                         | ME Code Secu     | ion XI                     |                                  |                 | T. L. Normal and        |               | _          |            |         |            |
|---|--|------------------|----------------------------|----------------------------------|-----------------|-------------------------|---------------|------------|------------|---------|------------|
|   |  |                  |                            |                                  | 1               | Job Number              |               |            |            |         |            |
|   |  |                  |                            |                                  |                 | N11 - W                 | 00300047      | 1          | Sheet      | 1 of    | 2          |
| 1. Owner  |  |                  | 2. Plan                    |                                  |                 |                         |               |            | Unit       |         |            |
|   | n Nuclear Operatin<br>ness Center Parkw      |                  |                            |                                  |                 | clear Plant<br>95 South |               |            | F          | NP 1    |            |
| Birming   | ham, Alabama 352                             | 42               |                            |                                  |                 | , Alabama 363           | 19            |            | Date       | -       |            |
| (as agen  | t for Alabama Pow                            | er Company)      |                            |                                  |                 | ,                       |               |            | Anci       | 25, 20  | <b>0</b> 3 |
| 3. Work performed by  |  |                  |                            |                                  |                 | Type Code S             | vmbol St      | amn        | Apri       | 25, 20  | 03         |
| 3. Work periorined by   |  |                  |                            |                                  |                 | Type Code 5,            | y and or of   | N/A        |            |         |            |
| Name: Southern Nuclear Operating Company Maintenance Department |  |                  |                            |                                  |                 | Authorizatio            | n Numbe       | r          |            |         |            |
|   |  |                  |                            |                                  |                 |                         |               | N/A        |            |         |            |
| Address:  | Joseph M. I                                  | Farley Nuclea    | <u>ir Plant</u>            |                                  |                 | Expiration D            | ate           |            |            |         |            |
|   |  |                  |                            |                                  | -               | •                       |               | N/A        |            |         |            |
| 4. Identification   | n of System                                  |                  |                            |                                  |                 |                         |               |            |            |         |            |
|   |  |                  | Ma                         | in Steam Syst                    | tem             |                         |               |            |            |         |            |
| 5.  |  |                  |                            |                                  |                 |                         |               |            |            | _       |            |
| (a) Applicable Co   | onstruction Code:<br>ction XI Utilized For F | ASME Section     |                            | $-\frac{19}{19} - \frac{71}{89}$ | Edition Edition |                         | 3 Adder Adder |            | N/A<br>N/A | Code (  |            |
| (b) Applicable Se   | cuon Ai Cunzed For F                         | cepans or repr   | accinetics,                | 19                               | Land            | <u> </u>                |               | .ua,       |            | Code    | Jase       |
| 6. Identification   | on of Components F                           | Repaired or R    | eplaced                    | and Replace                      | ment (          | Components:             |               |            |            |         |            |
| Name of   | Name of                                      |                  | -                          |                                  |                 | Other                   | Year          | Ren:       | aired,     | I ASI   | ме         |
| Component   | Manufacturer                                 | Serial Nu        |                            | Board                            | Id              | entification            | Built         |            | ced, or    |         | ode        |
| -   |  |                  |                            | No.                              |                 |                         |               |            | cement     |         | nped       |
| <u> </u>  |  | <u> </u>         |                            |                                  |                 |                         |               |            |            | (Yes    | / No)      |
| Disc Assembly   | Atwood & Morrill                             | *FNPSN           | Number Board Identi<br>No. | P. O. 21144                      | 1983            |                         | Replaced      |            | es         |         |            |
|   |  |                  |                            |                                  |                 |                         |               |            |            |         |            |
|   |  |                  |                            |                                  |                 |                         |               |            |            |         |            |
|   |  | <u> </u>         |                            |                                  |                 |                         |               |            |            |         |            |
| Disc Assembly   | Atwood & Morrill                             | *FNPSN           | 19                         | N/A                              |                 | P. O. 21144             | 1983          | Repla      | cement     | N       | lo         |
|   |  |                  |                            |                                  |                 |                         |               |            |            |         |            |
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|   |  |                  |                            |                                  |                 |                         |               |            |            |         |            |
|   |  |                  |                            |                                  |                 |                         |               |            |            |         |            |
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|   |  |                  |                            |                                  |                 |                         |               |            |            |         |            |
| 7. Description of   | f Work<br>of Main Steam Isolatic             | on Valve O1N1    | 1VMMC                      | the disc occan                   | hlv un          | s determined to h       | e in need     | of mentage | ement A    | nrevio  | relu       |
| refurbished disc as   | ssembly was installed i                      | in the valve. Re |                            |                                  | .v.y ₩a         | , accembined to t       | o ili nocu (  | iopiace    | men. A     | P104100 | ,          |
|   | 2 for explanation of ast                     | terisks.         |                            |                                  |                 |                         |               |            |            |         |            |
| J. Test Conduct   | <del></del>                                  | ic No-           | nal Onam                   | ting Pressure                    | П               | None   Oti              | tor           |            |            |         |            |
| Pressur   | <del>_</del>                                 | remperature      | _                          | •                                | <b></b>         |                         | 401           |            |            |         |            |
| T TESSUT  | rsi  | remberginge -    |                            | r                                |                 |                         |               |            |            |         |            |

# Form NIS-2 Owner's Report for Repairs or Replacements As required by the provisions of the ASME Code Section XI

| is required by the provisions of the ASME code Section A  |                       | Job Number                       |             |           |          |      |
|---|-----------------------|----------------------------------|-------------|-----------|----------|------|
|   |                       | N11 - WO03000471                 | s           | Sheet     | 2 of     | 2    |
| P. Remarks (Applicable Manufacturer's Data Reports to be att  | ached)                | 111 - 110000017                  |             |           |          |      |
|   |                       |                                  |             |           |          |      |
| This disc assembly was re-serialized by SNC to improve traceability of indireakdown of manufacturers identification data for each part. | vidual parts. See the | spreadsheet attached to work ord | er 03000471 | l for a d | etailed  |      |
|   |                       |                                  |             |           |          |      |
| · .   |                       |                                  |             |           |          |      |
|   |                       |                                  |             |           |          |      |
|   |                       |                                  |             |           |          |      |
|   | ·<br>                 |                                  |             |           |          |      |
|   |                       |                                  |             |           |          |      |
| Certificat  | te of Complian        | nce                              |             |           |          |      |
| We certify that the statements made in the report are correct and this ASME Code, Section XI.   |                       | replacement or replacement       | conforms to | o the ru  | les of t | he   |
| Type Code Symbol Stamp  |                       | N/A                              |             |           |          |      |
| Certificate of Authorization Number N/A   |                       | Expiration Date                  | N           | ī/A       |          |      |
| Signed Remove   | Maintenance Ma        |                                  | /47         |           |          |      |
| Owner or Owner's Designee, Ti   | tle                   | allager Date                     | <u> </u>    |           |          |      |
|   |                       |                                  | -           |           |          |      |
|   |                       | ,                                |             |           | ,        |      |
| Certificate of  | Inservice Ins         | pection                          |             |           |          |      |
| t, the undersigned, holding a valid commission issued by the  | National Board of     | f Boiler and Pressure Vess       | el Inspecto | ors and   | i the S  | tate |
| or Province of and employed b   |                       | B-CT                             | -           |           |          | of   |
| in this Owner's Report during the period 4/2/03   | to                    | have inspected 7/8/03            | the compo   |           | descri   |      |
| to the best of my knowledge and belief, the Owner has perform   |                       |                                  | sures desc  | _ ·       |          |      |
| Owner's Report in accordance with the requirements of the A   |                       |                                  |             |           |          |      |
| By signing this certificate neither the Inspector nor his employed  |                       |                                  |             |           |          |      |
| examinations and corrective measures described in this Owne<br>be liable in any manner for any personal injury or property danspection. |                       |                                  |             |           |          | ıall |
| Shorles & hand com  | missions              | a 328                            |             | ENA       | 9        |      |
| Inspector's Signature   |                       | National Board, State, Provi     | ince, and E | indorse   | ments    |      |
| Date 7/e/c3   |                       |                                  |             |           |          |      |
|   |                       |                                  |             |           |          |      |

As required by the provisions of the ASME Code Section XI Job Number N11 - WO03000469 Sheet 1 of 2 2. Plant 1. Owner Southern Nuclear Operating Company **Farley Nuclear Plant** FNP 1 Highway 95 South 40 Inverness Center Parkway Birmingham, Alabama 35242 Columbia, Alabama 36319 Date (as agent for Alabama Power Company) April 29, 2003 3. Work performed by Type Code Symbol Stamp Name: Southern Nuclear Operating Company Maintenance Department **Authorization Number** N/A Joseph M. Farley Nuclear Plant Address: **Expiration Date** N/A 4. Identification of System Main Steam System (a) Applicable Construction Code: ASME Section III, 71 Edition Summer 1973 Addenda, N/A Code Case (b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case 6. Identification of Components Repaired or Replaced and Replacement Components: Manufacturer National **ASME** Name of Name of Other Year Repaired, Component Manufacturer Serial Number Board Identification Built Replaced, or Code No. Replacement Stamped (Yes / No) Atwood & Morrill \*FNPSN3 N/A P.O. 22602 1983 Disc Assembly Replaced No Atwood & Morrill \*FNPSN2 N/A 1981 Disc Assembly P.O. 67283 Replacement Yes 7. Description of Work During Inspection of Main Steam Isolation Valve Q1N11V0002B, the disc assembly was determined to be in need of replacement. A previously refurbished disc assembly was installed in the valve. Ref: MIF 03035470. See note on sheet 2 for explanation of asterisks. 8. Test Conducted Pneumatic Normal Operating Pressure None Other Hydrostatic Pressure \_\_\_\_\_ PSI Temperature \_\_\_\_\_ °F

RType: L1.52

As required by the provisions of the ASME Code Section XI Job Number N11 - WO03000469 Sheet 2 of 2 9. Remarks (Applicable Manufacturer's Data Reports to be attached) \*This disc assembly was re-scrialized by SNC to improve traceability of individual parts. See the spreadsheet attached to work order 03000469 for a detailed breakdown of manufacturers identification data for each part. **Certificate of Compliance** We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement N/A Type Code Symbol Stamp N/A Expiration Date Certificate of Authorization Number Maintenance Manager Date 6/27/03 Owner or Owner's Designee, Title **Certificate of Inservice Inspection** I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSB-CT have inspected the components described in this Owner's Report during the period 4/2/03 to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. National Board, State, Province, and Endorsements Commissions 7/8/03

RType: L1.52 As required by the provisions of the ASME Code Section XI Job Number N11 - WO03000468 Sheet 1 of 2 Unit 2. Plant 1. Owner Southern Nuclear Operating Company Farley Nuclear Plant FNP 1 Highway 95 South 40 Inverness Center Parkway Birmingham, Alabama 35242 Columbia, Alabama 36319 Date (as agent for Alabama Power Company) April 29, 2003 3. Work performed by Type Code Symbol Stamp Name: Southern Nuclear Operating Company Maintenance Department **Authorization Number** Address: Joseph M. Farley Nuclear Plant **Expiration Date** N/A 4. Identification of System Main Steam System 71 Edition N/A (a) Applicable Construction Code: 19 Summer 1973 Addenda, Code Case ASME Section III, 19 89 Edition (b) Applicable Section XI Utilized For Repairs Or Replacements, N/A Addenda, N/A Code Case 6. Identification of Components Repaired or Replaced and Replacement Components: Manufacturer National **ASME** Name of Name of Other Year Repaired, Manufacturer Serial Number Component Board Identification Built Replaced, or Code No. Replacement Stamped (Yes/No) P. O. 21144 1983 Disc Assembly Atwood & Morrill \*FNPSN9 N/A Replaced Yes Disc Assembly Atwood & Morrill \*FNPSN17 N/A P. O. FNP-191 1975 Replacement No 7. Description of Work During Inspection of Main Steam Isolation Valve Q1N11V0002A, the disc assembly was determined to be in need of replacement. A previously refurbished disc assembly was installed in the valve. Ref: MIF 03035468. See note on sheet 2 for explanation of asterisks. 8. Test Conducted Hydrostatic Pneumatic Normal Operating Pressure None Other PSI Temperature \_\_\_\_\_ °F

RType: L1.52 As required by the provisions of the ASME Code Section XI Job Number Sheet 2 of 2 N11 - WO03000468 9. Remarks (Applicable Manufacturer's Data Reports to be attached) \*This disc assembly was re-scrialized by SNC to improve traceability of individual parts. See the spreadsheet attached to work order 03000468 for a detailed breakdown of manufacturers identification data for each part. **Certificate of Compliance** We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement Type Code Symbol Stamp \_\_\_\_\_N/A Certificate of Authorization Number Expiration Date 6/27/03 Maintenance Manager Date Signed Owner or Owner's Designee, Title **Certificate of Inservice Inspection** I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>fewegia</u> and employed by HSB-CT in this Owner's Report during the period 4/ have inspected the components described 4/2/03 7/1/03 to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. Murle 4 Wanner inspector's Signature Commissions National Board, State, Province, and Endorsements

| As Required By T  | he Provisions Of The                                       | ASME Code S     | ection X      | 1               |  |                         |          |             |             |                 |  |  |
|---|--|-----------------|---------------|-----------------|--|-------------------------|----------|-------------|-------------|-----------------|--|--|
|   |  |                 |               |                 | Job Number                             |                         |          |             |             |                 |  |  |
| ,   |  |                 |               |                 |  | E21 - W                 | 0020074  | 11          | Sheet       | 1 of 2          |  |  |
| 1. Owner  |  |                 |               | lant            |  |                         |          | Unit        |             |                 |  |  |
|   | Nuclear Operating  |                 |               |                 |  | clear Plant<br>95 South |          |             | FNP 1       |                 |  |  |
|   | iess Center Parkwa<br>iam, Alabama 3524                    |                 |               |                 |  | AL 36319                |          |             | Date        |                 |  |  |
|   | for Alabama Powe   |                 |               | -               |  | ,                       |          |             |             | • • • • • • •   |  |  |
|   |  |                 |               |                 |  |                         |          |             | Apri        | 1 18, 2003      |  |  |
| 3. Work Perfo   | . •  |                 | 50.1.4        |                 |  | Type Code S             | ymbol St |             | VA          |                 |  |  |
| Name: Southern Nuclear Operating Company Maintenance Department   |  |                 |               |                 |  | Authorizatio            | n Numbe  |             | VA.         |                 |  |  |
| Address:  | Joseph M.  | Farley Nuclea   | r Plant       | * .             |  | Expiration Date         |          |             |             |                 |  |  |
|   |  | -               |               |                 |  |                         | N/A      |             |             |                 |  |  |
| 4. Identificati   | on Of System   | ·····           | Safet         | y Injection Sy  | sterm                                  |                         |          |             | <del></del> |                 |  |  |
| 5.  |  |                 |               | ,,              |  | <del></del>             |          | <del></del> |             | _               |  |  |
| (a) Applicable Co   | enstruction Code:  | See sheet       | 2.            | 19              | Edit                                   | ion                     | Add      | lenda,      |             | Code Case       |  |  |
| (b) Applicable Se   | ction XI Utilized For                                      | Repairs Or Rep  | lacement      | s, 19 <u>89</u> | Edit                                   | ion N/A                 | Add      | lenda,      | N/A         | Code Case       |  |  |
|   |  |                 |               |                 |  |                         |          |             |             |                 |  |  |
| 6. Identification   | n Of Components  | Repaired Or     | Replace       | d and Replac    | ement                                  | Components              |          |             |             |                 |  |  |
|   | [  |                 |               |                 | ļ                                      |                         | 1        | 1           |             | 1               |  |  |
| Name Of   | Name Of  | Manufact        | urer National |                 | Other Year                             |                         | Repaired |             | ASME        |                 |  |  |
| Component   | Manufacturer Serial l                                      |                 | nber          | Board           |  | entification            | Built    | Replaced Or |             | Code<br>Stamped |  |  |
|   |  |                 |               | No.             |  |                         | <u> </u> | Repla       | cement      | (Yes/No)        |  |  |
| Mech. Snubber   | Pacific Scientific   | 11240           |               | N/A             | 1                                      | P.O. 72352              | 1981     | Replaced    |             | Yes             |  |  |
| Bolt  | Unknown  | Unknown         |               | N/A             |  | Unknown                 | Unk      | Replaced    |             | No              |  |  |
| Nut   | Unknown  | Unknown         |               | N/A             |  | Unknown                 | Unk      | Replaced    |             | No              |  |  |
|   |  |                 |               |                 |  |                         |          |             |             |                 |  |  |
| Hyd. Snubber  | Lisega   | 0261551./091    |               | N/A             | P.0                                    | D. QP020655             | 2002     | Replacement |             | No              |  |  |
| Load Stud   | Grinnell   | Unknown         |               | N/A             | P                                      | .O. QP3129              | 1989     | Replacement |             | No              |  |  |
| Load Stud Nuts  | Grinnell   | Unknow          | n             | N/A             | P.                                     | .O. QP3129              | 1989     | Replacement |             | No              |  |  |
|   |  |                 |               |                 |  |                         |          |             | <u> </u>    |                 |  |  |
|   |  |                 |               |                 |  |                         |          |             |             |                 |  |  |
| 7. Description Of Work  |  |                 |               |                 |  |                         |          |             |             |                 |  |  |
| Snubber SS-1975D was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was replaced with a Lisega   |  |                 |               |                 |  |                         |          |             |             |                 |  |  |
| hydraulic snubber by Williams Power Corporation as part of a scheduled upgrade program. The bolt and nut found securing the snubber were replaced with an approved load stud and load stud nuts. Ref: MIFs 03034215, 03035905 |  |                 |               |                 |  |                         |          |             |             |                 |  |  |
| 8. Test Condu   |  | road stud Huts. | NUL. IVII     | 10 03034213,    | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                         |          |             | <del></del> |                 |  |  |
|   | Hydrostatic Pneumatic Normal Operating Pressure None Other |                 |               |                 |  |                         |          |             |             |                 |  |  |
| - <del></del>   | _  | l'emperature    | •             | •               |  |                         |          |             |             |                 |  |  |
|   |  |                 |               |                 |  |                         |          |             |             |                 |  |  |

| As Required By The Provisions Of Th                                  | ie ASME Code Section XI   |                          |                      |                                 |                          |                  |
|--|---|--------------------------|----------------------|---------------------------------|--------------------------|------------------|
|  |   | 3                        | ob Number            |                                 |                          |                  |
|  |   | 1                        | E21 - WO0            | 2007411                         | Sheet 2                  | of 2             |
| 9. Remarks (Applicable Manufac                                       | turer's Data Reports To Be Attached   | ) .                      |                      |                                 |                          |                  |
|  | <del></del>   |                          |                      |                                 |                          |                  |
|  | <del>-</del>  |                          |                      | <del></del>                     |                          |                  |
|  |   | <u></u>                  |                      | ·                               | · · ·                    |                  |
|  |   |                          | ·                    | <del></del>                     |                          |                  |
| <u> </u>   |   |                          |                      | Nt                              |                          |                  |
|  |   |                          |                      |                                 |                          |                  |
| * Pipe hanger was designed to AISC req                               | uirements and welded to AWS requirements                                      | using material           | raceability require  | ments of ASME 8                 | Section III.             |                  |
|  |   |                          |                      |                                 |                          |                  |
|  | Certificate of Co   | mpliance                 |                      |                                 |                          |                  |
| We certify that the statements made in ASME Code, Section XI.        | this report are correct and this  |                          | lacement replacement | conform                         | s to the rule            | s of the         |
| Type Code Symbol Stamp   | N   | /A                       |                      |                                 | <del></del>              | <del></del>      |
| Certificate of Authorization Number                                  | N/A   | E                        | cpiration Date       |                                 | 4/A                      | <del> </del>     |
| Signed   | BMm_  |                          | Date                 | 1-17-03                         | 7                        |                  |
| <u> </u>   | wner or Owner's Designee, Title   |                          |                      |                                 |                          |                  |
|  |   |                          | . •                  |                                 |                          |                  |
|  | Certificate of Inservi  | ce Inspec                | tion                 |                                 |                          |                  |
|  | g a valid commission issued by the N  |                          |                      |                                 | ssel Inspec              | tors             |
| and the State or Province of 6                                       |   | Employed by              |                      | pected the con                  | nponents o               | of lescribed     |
| in this Owner's Report during the p                                  |   | to                       | 6/18/63              | ?                               | , and s                  | tate that        |
| Owner's Report in accordance with                                    | the requirements of the ASME Cod  | le, Section              | XI.                  |                                 |                          |                  |
| By signing this certificate no<br>the examinations and corrective me | either the Inspector nor his employer<br>casures described in this Owner's Re | makes any<br>port. Furth | warranty, expression | essed or impli<br>the Inspector | ied, conce<br>nor his en | rning<br>aplover |
| shall be liable in any manner for an inspection.                     | y personal injury or property damag   | e or loss of             | any kind arisin      | g from or conn                  | nected with              | ı this           |
| Marke & War  | Commissions   | 6A 3                     | 2 <i>8</i>           | Z                               | NA                       |                  |
| Inspector's Signatur   | re  | Nati                     | onal Board, Stat     | Province, and                   | i Endorsen               | ients            |
| Date 6/12/03   |   |                          |                      |                                 |                          |                  |

Form NIS-2 Owner's Report for Repairs or Replacements RType: L1.52 As required by the provisions of the ASME Code Section XI Job Number E21 - WO01008263 Sheet 1 of 2 1. Owner 2. Plant Southern Nuclear Operating Company **Farley Nuclear Plant** FNP 1 **40 Inverness Center Parkway** Highway 95 South Birmingham, Alabama 35242 Columbia, Alabama 36319 Date (as agent for Alabama Power Company) April 29, 2003 3. Work performed by Type Code Symbol Stamp Name: Southern Nuclear Operating Company Maintenance Department **Authorization Number** N/A Joseph M. Farley Nuclear Plant Address: **Expiration Date** N/A 4. Identification of System Chemical & Volume Control System 5. (a) Applicable Construction Code: ASME Section III, 19 71 Edition Winter 1971 Addenda. Code Case (b) Applicable Section XI Utilized For Repairs Or Replacements, 89 Edition N/A N/A 19 Addenda, Code Case 6. Identification of Components Repaired or Replaced and Replacement Components: National Name of Name of Manufacturer Other Year Repaired. **ASME** Component Manufacturer Serial Number Board Identification Built Replaced, or Code No. Replacement Stamped (Yes/No) BW/IP 311564 SN 37 N/A P. O. OP950491 1995 Replaced Disc Yes International Disc Kerotest AJU3-1 N/A P.O. QP-0985 1986 Replacement Yes 7. Description of Work Charging Flow Regulating Valve (FCV0122) Bypass Valve Q1E21V0581 was reported to be leaking by the seat. The valve was disassembled and inspected and the disc was found to be badly scarred. A new disc was installed in the valve. Ref: MIF 03033138. 8. Test Conducted Hydrostatic Pneumatic Normal Operating Pressure None Other

Temperature \_\_\_\_\_ °F

PSI

RType: L1.52

As required by the provisions of the ASME Code Section XI Job Number Sheet 2 of 2 E21 - WO01008263 9. Remarks (Applicable Manufacturer's Data Reports to be attached) **Certificate of Compliance** We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement Type Code Symbol Stamp N/A Certificate of Authorization Number N/A Expiration Date N/A Maintenance Manager Date 6-17-03 Signed Owner or Owner's Designee, Title **Certificate of Inservice Inspection** I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Becreya and employed by HSB-CT HARTFORD CONNECTICUT have inspected the components described in this Owner's Report during the period 4/9/03 to 6/12/03 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. Commissions 64328 National Board, State, Province, and Endorsements

#### FORM N-2 NPT CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PART AND APPURTENANCES\*

As required by the Provision of the ASME Code Rules. Section III. Div. I

Sheet 1 of 2

| l. (a) Manufactured by Kerotest Mfg. Corp  | ., 2525 Liberty Ave., Pgh, Pa 15222 (Cl20368)   |
|--|---|
| (b) Manufactured for Alabama Power Co.,  |   |
| (b) Manufactured for Atabania Fower Co.,   | and address of N Certificate Holder for completed nuclear component)  |
| 2. Identification-Certificate Holder's Serial No. of Part  | AJU3-1 Nat'l Bd. No. N/A  |
|  | The second second second second second second second second second second second second second second second se   |
| (a) Constructed According to Drawing No. 990   | 09-9-(1)-Z Drawing Prepared by Kerotest Mfg. Corp.  |
|  |   |
| (b) Description of Part Inspected 2"   | Disc  |
|  | **************************************  |
| (c) -Applicable ASME Code: Section III, Edition  | 1971 , Addenda dere 1971 , Case No. N/A Class 1   |
| 3. Remarks: Spare Parts for Nuclear  | Valves  |
| (Brief dest  | rription of service for which component was designed:   |
| (N-2 & Supplement) 2 Sho   | eets  |
|  |   |
|  |   |
| *with para. BN6111.1C of the Win   | ter 1972 Addenda  |
| forms to the rules of construction of the ASME Code (The applicable Design Specification and Stress Reporticate Holder for appurtenances is responsible for furnitheituded in the component Design Specification and   | t are not the responsibility of the NPT Certificate Holder for parts. An NPT Certif-<br>shing a separate Design Specification and Stress Report if the appurtenance is not<br>Stress Report.) |
| 9/12 to 86 et Ker  | Otest Mfg. Corp.  By 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   |
| DateIy Signed  | (NPT Certificate Holder)  |
| Certificate of Authorization Expires4/2  | 5/89 Certificate of Authorization No. 1903  |
|  |   |
| CERTIFICATION OF DE  | SIGN FOR APPURTENANCE (when applicable)   |
| Design information on file at  | · · · · · · · · · · · · · · · · · · ·   |
| Stress analysis report on file at  | •   |
| 1  |   |
| Design specifications certified by   | Prof. Eng. State Reg. No  |
| Stress analysis concer corrified by  | Prof. Eng. Scate Reg. No  |
| The second secon | Prot. Eng. State Keg. No  |
| CERTI  | FICATE OF SHOP INSPECTION   |
| I, the undersioned holding a valid commissi  | on issued by the National Board of Boiler and Pressure Vessel Inspectors  |
| and/or the State or Province of Pennsylvan   | nia and employed by The Hartford Steam Boiler IEI Co.   |
| of Hartford, Connecticut   | have inspected the part of a pressure vessel described in this  |
| Faitai Dala Report of  | 19 Pand state that to the best of my knowledge  |
| By signing this certificate, neither the Insp  | red this part in accordance with the ABML Code Section III.  Actor nor his employer makes any warranty, expressed or implied, concern-  |
| ing the part described in this Partial D shall be liable in any manner for any persons with this inspection.   | tata Report. Furthermore, neither the inspector nor his employer at lajury or property damage or a loss of any kind arising from or connected   |
|  |   |
| Date 9-12- 19 8  |   |
| 1 Dear of Dan 1  | Commissions PP 23 TYN   |
| Inspector's Signature  | Notional Board, State, Province and No.   |
| 1  |   |

(10/77) ...

<sup>&</sup>quot;Supplemental sheets in form of lists, sketches as drawings may be used provided (1) size is EV" s \$1", (2) information in items 1+2 on this Bod Broad is secured as seen must, and the six think in thinker of think it broaded at first k, "Britants"

# SUPPLEMENT SHEET FORM N-2

|             | IFICATION -<br>DRAWING NO.: 9909-9-(1)-Z. Rev DRAWING PREPARED BY: <u>Kerotest Mfg. Co</u>                            |
|-------------|---|
|             | DESCRIPTION - SIZE 2" , Disc  |
|             | ASME CODE SECTION 111   |
|             | *Winter EDITION 1971 , ADDENDA DATE 1971 , CASE NO. 11/A , CLASS 1  |
|             | SERIAL NUMBER SERIAL NUMBER   |
|             | AJU3-2  |
|             | AJU3-3 15.  |
|             | AJU3-4 16.  |
|             | AJU3-5 17.  |
|             | AJU3-6 18.  |
|             | AJU3-7 19.  |
|             | 20.   |
|             | 21.   |
|             | 12.   |
| <del></del> | 23.   |
|             | 24.   |
|             | 25.   |
|             |   |
| REAL        |   |
|             | 2 Sheets (N-2 and Supplement)   |
|             | *With Para. NB6111.1C of the Winter 1972 Addenda  |
| SIG         | ED: Kerotest Manufacturing Corp. BY: 1000 1000 DATE: 9/12/8  Authorized Nuclear Inspector BY: 2000 1 2000 DATE: 9-12- |
|             |   |

Form NIS-2 Owner's Report For Repairs Or Replacements RType: L1.52 As Required By The Provisions Of The ASME Code Section XI Job Number Sheet 1 of 2 B21 - WO02007406 1. Owner 2. Plant Unit Southern Nuclear Operating Company Farley Nuclear Plant FNP 1 40 Inverness Center Parkway Highway 95 South Birmingham, Alabama 35242 Columbia, Al. 36319 Date (as agent for Alabama Power Company) April 18, 2003 3. Work Performed By Type Code Symbol Stamp N/A Name: Southern Nuclear Operating Company Maintenance Department **Authorization Number** N/A Joseph M. Farley Nuclear Plant Address: **Expiration Date** N/A Identification Of System Steam Generator System (a) Applicable Construction Code: Edition Addenda, Code Case 19 See sheet 2, (b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case 6. Identification Of Components Repaired Or Replaced and Replacement Components: ASME Name Of Name Of Manufacturer National Repaired Other Year Code Replaced Or Component Manufacturer Serial Number Board Identification Built Stamped Replacement No. (Yes / No) Mech. Snubber Replaced Pacific Scientific 1920 14083 N/A P.O. QP1299 Yes Unk Bott Unknown Unknown N/A Unknown Replaced No Unknown Nut N/A Unk Replaced Unknown Unknown No Hvd. Snubber 0261551./086 2002 N/A P.O. QP020655 Replacement No Lisega Load Stud Grinnell Unknown N/A P.O. QP3129 1989 Replacement No Load stud Nut Grinnell Unknown N/A P.O. QP3129 1989 Replacement No Description Of Work Snubber FT-424D was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was replaced with a Lisega hydraulic snubber by Williams Power Corporation as part of a scheduled upgrade program. The bolt and nut found securing the snubber was replaced with an approved load stud and load stud nuts. Ref: MIFs 03034221, 03035904 Test Conducted Hydrostatic Pneumatic Normal Operating Pressure None Other Temperature °F

RType: L1.52 As Required By The Provisions Of The ASME Code Section XI Job Number Sheet 2 of 2 B21 - WO02007406 Remarks (Applicable Manufacturer's Data Reports To Be Attached) Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III. Certificate of Compliance conforms to the rules of the We certify that the statements made in this report are correct and this replacement repair or replacement ASME Code, Section XI. Type Code Symbol Stamp Expiration Date Certificate of Authorization Number Owner or Owner's Designee, Title Signed Certificate of Inservice Inspection I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and Employed by WSB-CT have inspected the components described HARTFORD, CONNECTICUT in this Owner's Report during the period , and state that 3/28/03 to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. Inspector's Signature Commissions National Board, State, Province, and Endorsements Date 6/4/03

Form NIS-2 Owner's Report For Repairs Or Replacements
As Required By The Provisions Of The ASME Code Section XI

| • •  |  |                             |                                       |   |                          | Job Number             |              |                            |             |                     |  |  |
|--|--|-----------------------------|---------------------------------------|---|--------------------------|------------------------|--------------|----------------------------|-------------|---------------------|--|--|
|  |  |                             |                                       |   |                          | B21 - W                | O020074      | 08                         | Sheet       | 1 of 2              |  |  |
| 1. Owner 2. Plant  |  |                             |                                       |   |                          |                        |              |                            | Unit        |                     |  |  |
| Southern Nuclear Operating Company 40 Inverness Center Parkway |  |                             |                                       |   |                          | clear Plant<br>S South |              |                            | F           | NP 1                |  |  |
| Birmingham, Alabama 35242                                      |  |                             |                                       | Highway 95 South Columbia, Al. 36319 Date |                          |                        |              |                            |             |                     |  |  |
| (as agent  | (as agent for Alabama Power Company)         |                             |                                       |   |                          |                        |              |                            | Apri        | 1 18, 2003          |  |  |
| 3. Work Perfo  | rmed By                                      |                             |                                       |   |                          | Type Code S            | ymbol St     | amp                        |             |                     |  |  |
| Nome: Se   | utham Nuslean One                            | nating Common               | ur Malmte                             | manas Donant                              |                          |                        |              | N                          | VA.         |                     |  |  |
| Name : <u>50</u>   | uthern Nuclear Ope                           | raung Compan                | A MISTOR                              | nance Depart                              | ment                     | Authorizatio           | n Numbe      |                            | 7/ A        |                     |  |  |
| Address:   | Iosanh M                                     | Farley Nuclea               | r Dlant                               |   |                          | N/A                    |              |                            |             |                     |  |  |
| Addiess.   | <b>у</b> озери м.                            | raticy Nuclea               | I Flant                               |   |                          | Expiration Date N/A    |              |                            |             |                     |  |  |
| 4. Identificati  | on Of System                                 |                             |                                       |   |                          |                        |              |                            |             |                     |  |  |
| Steam Generator System   |  |                             |                                       |   |                          |                        |              |                            |             |                     |  |  |
| 5.   |  |                             |                                       |   |                          |                        |              |                            |             |                     |  |  |
| (a) Applicable Co (b) Applicable Se                            | nstruction Code:<br>ction XI Utilized For    | See sheet<br>Repairs Or Rep |                                       | 19<br>s, 19 89                            | - Edit<br>Edit           | ion N/A                |              | lenda, _<br>lenda, _       | N/A         | Code Case           |  |  |
| () ( <del>                                    </del>           |  |                             |                                       |   |                          |                        |              |                            |             |                     |  |  |
| 6. Identification  | n Of Components                              | Repaired Or 1               | Replace                               | d and Replac                              | ement                    | Components             |              |                            |             |                     |  |  |
|  |  |                             |                                       |   |                          |                        |              | 1                          |             | 1 .00               |  |  |
| Name Of  | Name Of Name Of Manufacturer Serial N        |                             |                                       |   | ¥.1                      | Other<br>entification  |              |                            | aired       | ASME<br>Code        |  |  |
| Component  |  |                             | nder                                  | No.                                       |                          | entification           | Duit.        | Replaced Or<br>Replacement |             | Stamped             |  |  |
| Mech. Snubber  | Pacific Scientific                           | 37955                       |                                       | N/A                                       | P                        | .O. QP1470             | 1987         | Replaced                   |             | (Yes / No)<br>No    |  |  |
| Bolt   | Unknown                                      | Unknown                     |                                       | N/A                                       |                          | Unknown                | Unk          | Replaced                   |             | No                  |  |  |
| Nut  | Unknown                                      | Unknown                     |                                       | N/A                                       |                          | Unknown                | Unk          | Replaced                   |             | No                  |  |  |
|  |  |                             | ····                                  |   | · · · · · <del>-</del> · |                        |              |                            |             |                     |  |  |
| Hyd. Snubber   | Lisega                                       | 0261551./067                |                                       | N/A                                       | Р.С                      | O. QP020655            | 2002         | Replac                     | cement      | No                  |  |  |
| Load Stud  | Grinnell                                     | Unknown                     |                                       | N/A                                       | P.                       | O. QP3129'             | 1989 Repla   |                            | cement      | No                  |  |  |
| Load Stud Nuts   | Grinnell                                     | Unknown                     |                                       | N/A                                       | P                        | .O. QP3129             | 1989         | Replac                     | ement       | No                  |  |  |
|  |  |                             |                                       |   |                          |                        |              | ·<br>I                     |             |                     |  |  |
|  |  |                             | · · · · · · · · · · · · · · · · · · · |   |                          |                        |              |                            |             | <u> </u>            |  |  |
|  |  |                             |                                       |   |                          |                        |              |                            |             |                     |  |  |
| hydraulic snubber  | was removed from its<br>by Williams Power Co | orporation as pai           | t of a sch                            | eduled upgrade                            | progra                   | m. The bolt and        | tories and v | was repla<br>securing      | ced with    | a Lisega<br>er were |  |  |
| replaced with an a   | pproved load stud and                        | load stud nuts.             | Ref: MIF                              | s 03034218,0                              | 303597                   | !!                     |              |                            | <del></del> |                     |  |  |
| 8. Test Conduc   | atic Pneumat                                 |                             | _                                     | ing Pressure                              | ⊠ N                      | ione Dthe              | r            |                            |             |                     |  |  |
| Pressur  | PSI 7  | Cemperature _               | •                                     | F   |                          |                        |              |                            |             |                     |  |  |

#### Form NIS-2 Owner's Report For Repairs Or Replacements RType: L1.52 As Required By The Provisions Of The ASME Code Section XI Job Number Sheet 2 of 2 B21 - WO02007408 Remarks (Applicable Manufacturer's Data Reports To Be Attached) \* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III. Certificate of Compliance We certify that the statements made in this report are correct and this conforms to the rules of the replacement ASME Code, Section XI. repair or replacement Type Code Symbol Stamp N/A Certificate of Authorization Number N/A Expiration Date 6/3/03 Signed Owner or Owner's Designee, Title Certificate of Inservice Inspection I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and Employed by MSB-CT have inspected the components described HARTFORD CONNECTICAT in this Owner's Report during the period 3/22/63 to <u>6/4/63</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Commissions

National Board, State, Province, and Endorsements

Inspector's Signature

Date 6/4/03

RType: L1.52

As required by the provisions of the ASME Code Section XI Job Number E21 - WA674871 Sheet 1 of 2 2. Plant 1. Owner Southern Nuclear Operating Company **Farley Nuclear Plant** FNP 1 **Highway 95 South** 40 Inverness Center Parkway Birmingham, Alabama 35242 Columbia, Alabama 36319 Date (as agent for Alabama Power Company) July 31, 2002 3. Work performed by Type Code Symbol Stamp N/A Name: Southern Nuclear Operating Company Maintenance Department Authorization Number N/A Joseph M. Farley Nuclear Plant Address: **Expiration Date** N/A 4. Identification of System Chemical & Volume Control System Summer 1970 N/A (a) Applicable Construction Code: ASME Section III, 19 68 Edition Addenda. Code Case (b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition Addenda. NA Code Case 6. Identification of Components Repaired or Replaced and Replacement Components: National Other Name of Name of Manufacturer Year **ASME** Repaired. Serial Number Identification Built Component Manufacturer Board Replaced, or Code No. Replacement Stamped (Yes/No) **Scal Housing** Ingersoll-Dresser 23050-1-AA N/A P.O. QP931731 1994 Replaced No Pump Company **Seal Housing** Ingersoll-Dresser 23050-1-AC N/A P.O. QP931731 1994 Replaced Pump Company 1989 Seal Housing Pacific Pumps 2E299-AA N/A P.O. QP-3929 Replacement No Seal Housing Pacific Pumps 2E299-AC . N/A P.O. QP-3929 1989 Replacement No 7. Description of Work As a part of a scheduled maintenance plan, the mechanical seals for Charging Pump Q1E21P0002B were replaced with new seals. The new seals were installed as an assembly in previously refurbished seal housings. Ref: MIF 02037633. 8. Test Conducted Pneumatic Normal Operating Pressure None Other Hydrostatic Temperature \_\_\_\_\_ °F PSI Pressure

RType: L1.52

As required by the provisions of the ASME Code Section XI Job Number Sheet 2 of 2 E21 - WA674871 9. Remarks (Applicable Manufacturer's Data Reports to be attached) The replaced seal housings were installed under work authorization 425626. The replacement seal housings were removed from Charging Pump Q1E21P0002C under work authorization 675306 and refurbished under work order 02000213. **Certificate of Compliance** We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement ASME Code, Section XI. Type Code Symbol Stamp N/A Certificate of Authorization Number N/A Expiration Date 8/2763 Maintenance Manager Date Signed Owner or Owner's Designee, Title **Certificate of Inservice Inspection** I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Serence and employed by HSB-CT have inspected the components described HARTFORD CONNECTICUT in this Owner's Report during the period , and state that 7/17/02 6/2/03 to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. Commissions National Board, State, Province, and Endorsements

As required by the provisions of the ASME Code Section XI Job Number E21 - WO537145 Sheet 1 of 2 2. Plant Unit 1. Owner Southern Nuclear Operating Company Farley Nuclear Plant FNP 1 Highway 95 South 40 Inverness Center Parkway Columbia, Alabama 36319 Birmingham, Alabama 35242 Date (as agent for Alabama Power Company) April 3, 2002 3. Work performed by Type Code Symbol Stamp Name: Southern Nuclear Operating Company Maintenance Department **Authorization Number** Joseph M. Farley Nuclear Plant Address: **Expiration Date** N/A 4. Identification of System Safety Injection System (a) Applicable Construction Code: Winter 1971 71 Edition Addenda, N/A Code Case ASME Section III, (b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, Code Case 6. Identification of Components Repaired or Replaced and Replacement Components: Manufacturer National Other **ASME** Name of Name of Year Repaired, Identification Built Component Manufacturer Serial Number Board Replaced, or Code No. Replacement Stamped (Yes / No) S7-3 N/A P. O. FNP-295 1973 Replaced Valve Yes Kerotest E013R-1-1 N/A P. O. QP000470 2000 Replacement Valve Flowserve Yes Corporation 7. Description of Work Hydro Test Pump Suction Valve Q1E21V0028 was suspected to be leaking by the seat due to the seal water tank for the pump overflowing. The system could not be isolated to troubleshoot the valve, therefore a freeze seal was utilized to isolate the valve for replacement. The valve was cut out and a new valve was welded in its place. Ref: MIF 01042907. 6. Test Conducted Hydrostatic Pneumatic Normal Operating Pressure None Other Pressure \_\_\_\_\_ PSI Temperature \_\_\_\_ °F

# Form NIS-2 Owner's Report for Repairs or Replacements RType: L1.52 As required by the provisions of the ASME Code Section XI Job Number E21 - WO537145 Sheet 2 of 2 9. Remarks (Applicable Manufacturer's Data Reports to be attached) Certificate of Compliance We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement Type Code Symbol Stamp N/A Certificate of Authorization Number N/A Expiration Date 5/2763 Maintenance Manager Date Signed Owner or Owner's Designee, Title **Certificate of Inservice Inspection**

# Certificate of Inservice Inspection I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Secretal and employed by ASB-CT of have inspected the components described in this Owner's Report during the period 3/25/2 to 5/30/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. Commissions Commissions A 328 IMA National Board, State, Province, and Endorsements

0078802

# FORM NPV-1 MANUFACTURERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES As Required by the Provisions of the ASME Code Rules

| Flowserve Corp. 701 First Street,  | Williamsport, 1                                  | PA 17701 Order   | E013R-1  |
|--|--|--|--|
|  | Address of Manufacturer)                         | · · · · · · · · · · · · · · · · · · ·  |  |
| Canufactured for   | Hans and Address)                                | Uraer  | No.  |
| Alabama Power Company  |  |  |  |
| ocation of Plant Farie / Nuclear Stat  |  |  | AL. 36319.   |
| ump or Valve Identification Valve. (1)   | ) One - 2"-1500"-                                | -Y-Globe. Job#   | E013R-1  |
| Valve Serial Number: E013R-1-  |  |  |  |
| (Brief desemption of the company)  | en al aerrice for which eq                       | (mpment was deelgned)  |  |
| Drawing No. 725949/ 1 Rev. J   | Prenared by Flowses                              | rve Corporation.   |  |
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| National Board No 2580   | 650  | :  | ÷  |
| reign Conditions   | psi 030  | of of  | ***  |
| he material, design, construction, and workma  | anship complies with A                           | SME Code Section III. Class  |  |
| dition 1971 , Addenda Date_  | (N) 1971   | Case No. N/A   |  |
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| Mark No.   | Motorial Spec. No.                               | Manufacturer   | Remarks  |
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| Forgings   |  |  |  |
| Body: R/S#332446   | 5A182-F316                                       | BW/IP Pump Dtv.  |  |
| SN: 10   | ,  |  |  |
| * N-2 Data Form*f  | or Body is encl                                  | insed with this form   | (See Section 2)  |
| Yoke: R/S# 330431  | 5A105  | BW/IP Pump Div.  |  |
| SN: 35 - 3   | 826  | DR/IF FBIID DIF  |  |
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#### FORM NPV-1 (back)

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| 3.44<br>2.44     |   | ·                                      | <del></del>                              | *-          |  | ·  |  |
|                  | Other Parts                                       | 21.0002                                |  | <b>*</b>    | 201410 Day 2   |  |  |
| 3                |   | 316683                                 |  | <b>基</b> 基  | BW/IP Pump Div.                                      |  |  |
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|                  | 311: 8  |  | <del></del>                              | 124         | <u> </u>   | <del></del>                                      |  |
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| Hydro            | static test 5450                                  | P•                                     | <b>i.</b>                                |             | · · · · · · · · · · · · · · · · · · ·                |  |  |
| Design           | information on file a<br>analysis report on file  | Flowserve Cor<br>701 First Str         | ERTIFICATION porution eet. William       | Spo         | rt, PA. 17701.                                       |  |  |
| Desire           | analysis report on 1110<br>specifications certifi | An Nouv                                | PN                                       | <u> </u>    | (1) that Eas Sees                                    | AL Reg. No. 15301                                |  |
| Ceesta<br>Ceesta | analysis report certifi                           | ied by <u></u>                         | 11/A                                     | f.          | (1) Prot. Eng. State                                 | Reg. No.   |  |
|                  | nature not required. L                            |  |  | i.          |  |  |  |
|                  | tify that the statemen                            | ·                                      | ort are correct.                         |             |  |  |  |
|                  | 5-19-00   |  | Plousarye (                              | )<br>'Orn   | By RRI   | leckis.  |  |
| Date             | 5-19-00   | ly Signed _                            | (Monulecture                             | 77 .        | <u></u> Ву <u></u>                                   |  |  |
|                  | case of Authorization                             |  |  |             | *  |  |  |
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|                  |   |  | sion issued by the                       | Nati        | onal Board of Boiler and P                           | ressure Vessel Inspectors                        |  |
| and/or           | the State of Proximes                             | col_Pennsylya                          | <u> </u>                                 | d em        | played by <u>Commercial</u>                          | Union Ins. Co.                                   |  |
|                  | Poston MA   | 70 -                                   |  |             | •  | ent described in this Data                       |  |
| Report           | 5.30 Hi   | 6717-00                                | , and stare that w                       | i the       | best of my knowledge as<br>sections of ASME Code, Se | nd belief, the Magulacturet                      |  |
| ing the          | silving this certified                            | ite, neither the las                   | pector aor his emp<br>ra Furthermore, ae | loyer       | i maksa anu wantaniv, sini                           | essed or implied, concern-                       |  |
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# FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES

As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production

Pg. 1 of \_ 2\_

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| Manufactured and certified by DEL  |                                       |  |                            |              |   |
|--|---------------------------------------|--|----------------------------|--------------|---|
| Manufactured for BR/IP DITERO  | TICKAL, DIC. 701 FIRS                 | 7 57727                                | WILLIAMSPORT               | ADDR21TAYA   | TA 17701-0428                               |
| •  | N/A                                   | - <b>(</b> §                           | >                          | j            |   |
| Location of installation   | y .                                   | 1                                      | tname and segrator         |              | · , , , ,                                   |
| Type: P-9209-00-(1) REV. R   | ASST 5182 CR. 7-316                   | 75.0                                   | OO PST                     | K/A<br>ICRNI | 7008 \- ''                                  |
| •  | 1600 -                                | 50000                                  | R 1981                     | 1            | K/A_  |
| ASME Code, Section III, Division 1                                       | (sexion)                              | 1000                                   |                            | 1610991      | ICada Casa No.i                             |
| Fabricated in accordance with Con-                                       | s: Spec. (Div. 2 only)                | 10/3                                   | Revision                   | N/A          | DateK/A                                     |
| FR/IP JOB NO. 791  | 71 10400                              | **                                     | PARTHOUZ:                  | · ·          | BOOT, SENT PINISTED                         |
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| PRESSURE CLASS:  | 1708#                                 | 1                                      | PINAL LPI I                | NOT PERFORM  | <b>20</b> -                                 |
| Nom. thickness (in.) <u>N/A</u> V<br>When applicable, Certificate Holder | n Data Reports are attache            | c for each                             | item of this report:       |              |   |
| Part or Appurtenance :<br>Serial Number                                  | National Board No. in Numerical Order |  | Panjor Appurt<br>Senal Num | 1            | National<br>Board No.<br>in Numerical Order |
| 41) 332446 SN 2  | N/A                                   | - * <del> </del>  ,                    | 261                        | 1            |   |
| (1) 332446 SN 3 V  | N/A                                   | , ,                                    | 7:5                        |              |   |
| (3) 332446 SN 5  | N/A                                   |  | 28)                        |              | /   |
| 14) 332446 SH R  |                                       |  | 29:                        |              |   |
| (5) 332446 SN 10   | W/A                                   | -                                      | 301                        |              |   |
| 161 332446 SH 14   | N/A                                   |  | 311                        |              |   |
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| (12)   |                                       | —————————————————————————————————————— | 37!                        | <del></del>  | _/  |
| (13)   | /                                     | l'                                     | 36)                        |              | <del>×</del>                                |
| (14)   |                                       |  | 39,                        |              |   |
| (15)   |                                       | ·                                      | 401                        |              |   |
| •  |                                       |  |                            | , ,          |   |

Supplemental information in the form of lists, shetches, or drawings may be used provided +11 size is 8% in \$1, (2) information in items 2 and 3 on this Data Report included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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FORM N-2 (Back - Pg. 2 of 2

Certificate Molder's Benal Nos. 332445 5H 2

AND SM 3, SM 5, SM treven SM 10, SM 14 6

|   |                                       | CERTIFICATION OF DESIG   | N          |  |              | 14                                    |               |
|---|---------------------------------------|--|------------|--|--------------|---------------------------------------|---------------|
| Design specifications certified by                            | 5                                     | N/A <sup>‡</sup>   | ₹<br>      | _ P.E. State _                         | K/A          | Reg. no. W/                           | A S           |
|   | <u> </u>                              | I when application   | :          | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |              |                                       |               |
| Design report* certified by                                   | · · · · · · · · · · · · · · · · · · · | K/A <sup>2</sup>   | <u> </u>   | _ P.E. State _                         | R/A          | Reg. no. 10/                          | <u> </u>      |
|   | <u> </u>                              | I-mon approxime  | ·          | Ĭ.                                     | •            |                                       | ***           |
|   | *                                     | CERTIFICATE OF COMPUAN   | CE         | *                                      |              |                                       | ٠             |
|   |                                       |  | :          |  |              |                                       | 4             |
| We certify that the statements made                           | -                                     | •  |            | B001                                   | SDU          | EIM SID                               | <del></del>   |
| conforms to the rules of constitution or                      | of the ASME Co                        | ide, Section III. Division ।<br>्रेड                             |            | •                                      |              |                                       | :             |
| NPT Certificate of Authorization for                          | N-1131                                | 4  | ERENGS -C  | JOSE 1                                 | 10, 1999     | ·                                     |               |
| •   | //IP DOTERNAT                         |  | Signed     | سكند                                   |              |                                       |               |
|   | ijų 91                                | Comitees mades   |            | - 10                                   | 1001-106 -4E | ***********                           |               |
|   | •                                     | CERTIFICATE OF INSPECTIO   | )N         | ************************************** |              | 10.<br>44.                            | ન <b>વર્ષ</b> |
| I, the undersigned, holding a valid to CALIPOIOTIA and emotio | mmission issued                       | by the National Board of Boiler at<br>art KUTUAL ING. CO. FACTOR | IL MOLDAT  | DEDGEN                                 | IG ASSOC     | the State or Pro                      | vince of      |
| of NCHOOD, MASS have  |                                       |  |            | LER SA                                 | 1998         | end state the                         | it to the     |
| best of my knowledge and belief line                          | : Certificate Hold                    | er has fabricated these parts or a                               | pourtenanc | es in accorda                          | nce with     | the ASME Code.                        | Section       |
| III, Division 1. Each part listed has be-                     |                                       |  |            | ÷.                                     |              |                                       | ~             |
| By signing this certificate, neither the                      |                                       |  |            |  |              |                                       |               |
| in this Data Report Furthermore next                          |                                       | .2   | 1 any mann | er for any per                         | וחלטו (פעפנ  | ry or property dar                    | mage or       |
| loss of any kind arising from or crime                        |                                       |  | •          |  |              | , , , , , , , , , , , , , , , , , , , |               |
| FEB 2 0 1998  | ) )لمزيزته                            | ei-Lee-e   | _          | NBT                                    | TS           | CA-186.                               | U·            |

POOR QUALITY ORIGINAL

| As Required By T                      | he Provisions Of The  | ASME Code S       | ection X    | ı  | 1       |              |         |             |                        |                       |
|---------------------------------------|---|-------------------|-------------|--|---------|--------------|---------|-------------|------------------------|-----------------------|
|                                       |   |                   |             |  |         | Job Number   |         |             |                        |                       |
| <i>;</i>                              |   |                   |             |  |         | E21 - W      | O020074 | 14          | Sheet                  | 1 of 2                |
| 1. Owner                              |   |                   | 2. P        | Plant                                    |         |              |         |             | Unit                   |                       |
|                                       | Nuclear Operating   |                   |             | Farley Nuclear Plant<br>Highway 95 South |         |              |         |             | FNP 1                  |                       |
|                                       | iess Center Parkwa<br>iam, Alabama 3524   |                   |             |  |         | AL 36319     |         |             | Date                   |                       |
|                                       | for Alabama Powe  |                   |             | 0010                                     |         | , 1111 00015 |         |             |                        | ſ                     |
|                                       |   |                   |             |  |         | April 13, 2  |         |             |                        |                       |
| 3. Work Perfo                         | •   | _                 | Type Code S | ymbol St                                 |         | VA.          |         |             |                        |                       |
| Name : <u>So</u>                      | uthern Nuclear Ope  | rating Compan     | y Mainte    | enance Depart                            | nent    | Authorizatio | n Numbe |             | VA.                    |                       |
| Address:                              | Joseph M.   | Farley Nuclea     | r Plant     |  |         | Expiration D | ate     |             |                        |                       |
|                                       |   |                   |             |  |         |              |         | N           | /A                     | ,                     |
| 4. Identificati                       | on Of System  | Che               | mical an    | d Volume Co                              | ntro! S | vstem        |         |             | <del></del>            |                       |
| E                                     |   |                   |             |  |         |              |         |             |                        |                       |
| 5. (a) Applicable Co                  | enstruction Code:   | See sheet         | 2.          | 19                                       | Edit    | ion          | Add     | lenda.      |                        | Code Case             |
|                                       | ction XI Utilized For   | Repairs Or Rep    | lacement    | s, 19 <u>89</u>                          | Edit    | ion          | Add     | lenda, _    |                        | Code Case             |
|                                       |   |                   |             |  |         |              |         |             |                        |                       |
| 6. Identification                     | n Of Components   | Repaired Or 1     | Replace     | d and Replac                             | ement   | Components:  | ;       |             |                        |                       |
|                                       |   |                   |             | 1 1                                      |         |              |         | I           |                        | 1                     |
| Name Of                               | Name Of   | Manufact          | urer        | National                                 |         | Other        | Year    | Rep         | aired                  | ASME                  |
| Component                             | Manufacturer  | Serial Nu         | nber        | Board                                    | Id      | entification | Built   | Repla       | ced Or                 | Code                  |
| <b>(</b>                              |   |                   |             | No.                                      |         |              |         | Replacement |                        | Stamped<br>(Yes / No) |
| Mech. Snubber                         | Pacific Scientific  | 26136             |             | N/A                                      | P       | O. QP1301    | 1982    | Repl        | laced                  | Yes                   |
| Load Stud                             | Pacific Scientific  | Unknow            | n.          | N/A                                      | P.C     | ). FNP - 222 | 1975    | Replaced    |                        | No                    |
| Load Stud Nuts                        | Pacific Scientific  | Unknow            | n.          | N/A                                      | P.C     | ). FNP - 222 | 1975    | Repl        | aced                   | No                    |
|                                       |   |                   |             |  |         |              |         |             |                        |                       |
| Hyd. Snubber                          | Lisega  | 02615240 /        | 049         | N/A                                      | P.C     | ). QP020655  | 2002    | Replac      | ement                  | No                    |
| Load Stud                             | Grinnell  | Unknow            | Ω           | N/A                                      | P.      | O. QP3129    | 1989    | Replac      | ement                  | No                    |
| Load Stud Nuts                        | Grinnell  | Unknow            | <b>a</b>    | N/A                                      | P.      | O. QP3129    | 1989    | Replac      | ement                  | No                    |
|                                       |   |                   |             |  |         |              |         |             |                        |                       |
|                                       |   |                   |             |  |         |              |         |             |                        |                       |
| Snubber SS-26084<br>hydraulic snubber | 7. Description Of Work Snubber SS-2608A was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was replaced with a Lisega hydraulic snubber by Williams Power Corporation as part of a scheduled upgrade program. The load stud and load stud nuts damaged during removal were replaced with approved equals. Ref. MIFs 03034204, 03035830 |                   |             |  |         |              |         |             | ı a Lisega<br>d during |                       |
| 8. Test Conduc                        |   | unis. Act. IVIII' | 030344      | 201, 0303330                             |         |              |         |             |                        |                       |
| Hydrosi                               | atic Pneumat  | <del></del>       | -           |  | ⊠ n     | one Dthe     | r       |             |                        |                       |
| Pressun                               | PSI 1   | remberature _     |             |  |         |              |         |             |                        |                       |

| As Required By The Provisions Of The ASME Code Section XI   |  |
|---|--|
|   | Job Number   |
|   | E21 - WO02007414 Sheet 2 of 2  |
| 9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)  | 201 (10000111)   |
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| * Pipe hanger was designed to AISC requirements and welded to AWS requirements us   | ing material traceability requirements of ASME Section III.                          |
|   |  |
|   |  |
| Certificate of Con  | apliance   |
| 997   |  |
| We certify that the statements made in this report are correct and this  ASME Code, Section XI.   | replacement conforms to the rules of the repair or replacement                       |
| •   |  |
| Type Code Symbol Stamp  | NA   |
| Certificate of Authorization Number   | Expiration Date NA   |
| Signed B Mura   | Date 5/16/03   |
| Owner or Owner's Designee, Title  | Date   |
|   |  |
|   |  |
|   |  |
| Certificate of Inservic   | e Inspection   |
| T the and primed helding a valid seministic femal but he by   | tional David of Dailor and December Vessel Inspectors                                |
| I, the undersigned, holding a valid commission issued by the Na and the State or Province of and E  | indian Board of Botter and Pressure Vesser inspectors impleyed by $H \leq B - CT$ of |
| MARTFORD CONNECTICUT  | have inspected the components described  |
| in this Owner's Report during the period 3/28/67  | to <u>S/29/03</u> , and state that   |
| to the best of my knowledge and belief, the Owner has performed exami   |  |
| Owner's Report in accordance with the requirements of the ASME Code   |  |
| By signing this certificate neither the Inspector nor his employer the examinations and corrective measures described in this Owner's Rep |  |
| shall be liable in any manner for any personal injury or property damage  |  |
| inspection.   |  |
|   |  |
| Thoris & Warm Commissions   | GN 328 INA   |
| Inspector's Signature   | National Board, State, Province, and Endorsements                                    |
| Du chaka  |  |
| Date  |  |

| As Required By 1                     | he Provisions Of The  | ASME Code S               | ection A     | .1  |        | Job Number          |                               |          |        |                       |  |  |
|--------------------------------------|---|---------------------------|--------------|---|--------|---------------------|-------------------------------|----------|--------|-----------------------|--|--|
|                                      |   |                           |              |   |        |                     |                               |          |        |                       |  |  |
| r -                                  |   |                           |              |   |        | B21 - W             | O020074                       | 09       |        | 1 of 2                |  |  |
| 1. Owner Southern                    | Nuclear Operating   | c Company                 | 2. F         | Plant<br>Far                                | lev Nu | clear Plant         |                               |          | Unit   |                       |  |  |
| <b>3</b>                             | ness Center Parkwa  |                           |              | Farley Nuclear Plant Highway 95 South FNP 1 |        |                     |                               |          | NP 1   |                       |  |  |
|                                      | am, Alabama 3524  |                           |              | Col   | ımbia, | , Al. 36319 Date    |                               |          |        |                       |  |  |
| (as agent for Alabama Power Company) |   |                           |              |   |        |                     |                               |          | Apri   | 118, 2003             |  |  |
| 3. Work Performed By                 |   |                           |              |   |        |                     | Type Code Symbol Stamp<br>N/A |          |        |                       |  |  |
| Name : <u>So</u>                     | outhern Nuclear Ope   | rating Compan             | v Mainte     | enance Depart                               | ment   | Authorizatio        | n Numbe                       |          | VA.    |                       |  |  |
| Address:                             | Joseph M.   | Farley Nuclea             | r Plant      |   |        | Expiration D        | ate                           |          |        |                       |  |  |
|                                      |   |                           |              |   |        | · .                 |                               | N        | VA     |                       |  |  |
| 4. Identificati                      | on Of System  |                           | Stean        | n Generator S                               | ystem  |                     |                               |          |        |                       |  |  |
| 5.                                   |   |                           |              |   |        |                     | <del></del>                   |          |        | -                     |  |  |
| (a) Applicable Co                    |   | See sheet                 |              | 19  | Edit   |                     |                               | lenda,   |        | Code Case             |  |  |
| (b) Applicable Se                    | ection XI Utilized For  | Repairs Or Kep            | lacement     | s, 19 <u>89</u>                             | _ East | ion N/A             | Add                           | lenda,   | N/A    | Code Case             |  |  |
| 6. Identification                    | n Of Components   | Renaired Or               | Replace      | d and Renlac                                | ement  | Components          | <u></u>                       |          |        | ·                     |  |  |
|                                      | l   |                           |              | 1   |        | оошро-о-ю (         |                               | 1        |        | 1                     |  |  |
| Name Of                              | Name Of   | Manufact                  | ırer         | National                                    |        | Other               | Year                          | Ren      | aired  | ASME                  |  |  |
| Component                            | Manufacturer  | Serial Nur                |              | Board                                       | Id     | entification        | Built                         | Repla    | ced Or | Code                  |  |  |
|                                      |   |                           |              | No.   |        |                     |                               | Repla    | cement | Stamped<br>(Yes / No) |  |  |
| Mech. Saubber                        | Pacific Scientific  | 37956                     |              | N/A   | P      | .O. QP1470 1987 Rep |                               | laced    | No     |                       |  |  |
| Bolt                                 | Unknown   | Unknow                    | ß            | N/A   |        | Unknown             | Unk                           | Replaced |        | No                    |  |  |
| Nut                                  | Unknown   | Unknow                    | n.           | N/A   |        | Unknown Unk         |                               | Replaced |        | No                    |  |  |
|                                      |   |                           |              |   |        |                     |                               |          |        |                       |  |  |
| Hyd. Snubber                         | Lisega  | 0261551./                 | 088          | N/A   | P.C    | D. QP020655         | 2002                          | Repla    | cement | No                    |  |  |
| Load Stud                            | Grinnell  | Unknow                    | n            | N/A   | P.     | .O. QP3129          | 1989                          | Replac   | cement | No                    |  |  |
| Load Stud Nuts                       | Grinnell  | Unknow                    | n            | N/A   | P.     | .O. QP3129          | 1989                          | Replac   | cement | No                    |  |  |
|                                      |   |                           |              |   |        |                     |                               |          |        |                       |  |  |
| ·                                    |   |                           |              |   |        |                     |                               |          |        |                       |  |  |
| 7. Description                       |   |                           |              |   |        |                     |                               |          |        |                       |  |  |
| hydraulic snubber                    | was removed from its<br>by Williams Power Co<br>pproved load and load | orporation as par         | t of a sch   | eduled upgrade                              | progra |                     |                               |          |        |                       |  |  |
| 8. Test Conduc                       | cted  |                           |              |   |        |                     |                               |          |        |                       |  |  |
|                                      | tatic Pneumat   | ic Norma<br>Femperature _ | -            | _   | K K    | one [ Othe          | r                             |          |        |                       |  |  |
| ricasur                              | F31   | remberante -              | <sup>7</sup> | F   |        |                     |                               |          |        |                       |  |  |

# Form NIS-2 Owner's Report For Repairs Or Replacements As Required By The Provisions Of The ASME Code Section XI

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|--|---|------------------------|
|  | Job Number                                      |                        |
|  | B21 - WO02007409                                | Sheet 2 of 2           |
| 9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)                             |   |                        |
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| * Pipe hanger was designed to AISC requirements and welded to AWS requirements u               | sing material traceability requirements of ASM  | E Section III.         |
|  |   |                        |
|  |   |                        |
| Certificate of Cor   | mpliance  |                        |
|  | -   |                        |
| We certify that the statements made in this report are correct and this                        |   | ms to the rules of the |
| ASME Code, Section XI.   | repair or replacement                           |                        |
| Type Code Symbol Stamp   | N/A   |                        |
|  |   |                        |
| Certificate of Authorization Number  | Expiration Date                                 | N/A                    |
| Signed S Www   | Date  | 3                      |
| Owner or Owner's Designee, Title   |   |                        |
|  | · · · · · · · · · · · · · · · · · · ·           |                        |
|  |   |                        |
|  |   |                        |
| Certificate of Inservic  | e Inspection                                    |                        |
|  | <del>-</del>                                    |                        |
| I, the undersigned, holding a valid commission issued by the Name of the State on President of |   | •                      |
| and the State or Province of <u>feeregin</u> and E   | mployed by <u>ASB-CT</u>                        | of omponents described |
| in this Owner's Report during the period 3/28/63   | to 5/27/03                                      | and state that         |
| to the best of my knowledge and belief, the Owner has performed exami                          |   |                        |
| Owner's Report in accordance with the requirements of the ASME Code                            |   |                        |
| By signing this certificate neither the Inspector nor his employer                             |   |                        |
| the examinations and corrective measures described in this Owner's Rep                         |   |                        |
| shall be liable in any manner for any personal injury or property damage                       | or loss of any kind arising from or co          | nnected with this      |
| inspection.  |   |                        |
| Commissions  | 11776   | -111                   |
| Multiplector's Signature Commissions   | 6-A 328 2<br>National Board, State, Province, a | and Endorsements       |
| - Caretain a proprieta   |   |                        |
| Date 5/29/03   |   |                        |
|  |   |                        |
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| •  |   |                        |  |                          |        | Job Number            |               |           |          |                                       |  |
|--|---|------------------------|--|--------------------------|--------|-----------------------|---------------|-----------|----------|---------------------------------------|--|
|  |   |                        |  |                          |        | E13 - W               | 00200740      | 04        | Sheet    | 1 of 2                                |  |
| 1. Owner   | W. 1  |                        | 2, P                                     |                          |        | alasa Diama           |               |           | Unit     |                                       |  |
|  | Nuclear Operating<br>less Center Parkwa       |                        | Farley Nuclear Plant<br>Highway 95 South |                          |        |                       |               |           | F        | NP 1                                  |  |
| Birmingh   | am, Alabama 3524                              | 2                      |  | Columbia, Al. 36319 Date |        |                       |               |           |          |                                       |  |
| (as agent  | for Alabama Powe                              | r Company)             |  |                          |        |                       |               |           | Apri     | 1 20, 2003                            |  |
| 3. Work Performed By Type Code Sy  |   |                        |  |                          |        |                       | ymbol St      |           |          |                                       |  |
| Name: Southern Nuclear Operating Company Maintenance Department  |   |                        |  |                          |        | Authorizatio          | n Numbe       | _         | /A       |                                       |  |
| Address:   | Joseph M.                                     | Farley Nuclea          | r Plant                                  |                          |        | Expiration D          | ate           | N         | VA.      |                                       |  |
| 4. Identificati  | on Of System                                  |                        | Contair                                  | nment Spray              | System |                       |               |           |          |                                       |  |
| 5. (a) Applicable Construction Code: See sheet 2, 19 Edition Addenda, Code Case (b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case |   |                        |  |                          |        |                       |               |           |          |                                       |  |
| 6. Identification  | of Components                                 | Repaired Or 1          | Replace                                  | l and Replac             | ement  | Components:           | }             |           |          |                                       |  |
| Name Of<br>Component   | Name Of<br>Manufacturer                       | Manufact<br>Serial Nur |  | National<br>Board<br>No. | Id     | Other<br>entification | Year<br>Built |           |          | ASME<br>Code<br>Stamped<br>(Yes / No) |  |
| Mech. Snubber  | Pacific Scientific                            | 16019                  |  | N/A                      | ]      | P.O. 72351            | 1981          | Replaced  |          | Yes                                   |  |
|  |   |                        |  |                          |        |                       |               |           |          |                                       |  |
| Mech. Snubber  | Pacific Scientific                            | 318                    |  | N/A                      | P.C    | D. FNP - 222          | 1976          | Replac    | ement    | No                                    |  |
|  |   |                        |  |                          |        |                       |               |           |          |                                       |  |
|  |   |                        |  |                          | -      |                       |               |           |          |                                       |  |
|  |   |                        |  |                          |        |                       |               |           |          |                                       |  |
|  |   |                        |  |                          |        |                       |               |           |          |                                       |  |
|  |   |                        |  |                          |        | <del></del>           |               |           |          |                                       |  |
|  |   |                        |  |                          |        |                       |               |           |          | ·                                     |  |
| Pacific Scientific r   | was removed from its<br>nechanical snubber by |                        |  |                          |        |                       | tories and    | was repla | ced with | enother                               |  |
| 8. Test Conduc<br>Hydrost<br>Pressure  |   | ic Norma               | _  |                          | N 🛚    | one Othe              | r             |           |          |                                       |  |

# Form NIS-2 Owner's Report For Repairs Or Replacements As Required By The Provisions Of The ASME Code Section XI

| As Required by The Trovisions of The Above Cook occurred Ar  |  |   |
|--|--|---|
|  | Job Number                                 | ]   |
| •  |  |   |
|  | E13 - WO02007404                           | Sheet 2 of 2  |
| 9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)   |  |   |
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| * Pipe hanger was designed to AISC requirements and welded to AWS requirements using n   | naterial traceability requirements of ASME | Section III.  |
| - 4  |  | = - : <del>- : - : - : - : - : - : - : - : - </del> |
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|  |  | .*  |
|  |  |   |
| Certificate of Compli  | ance                                       |   |
| •  |  |   |
| We certify that the statements made in this report are correct and this  | replacement conform                        | ns to the rules of the                              |
|  | pair or replacement                        |   |
|  | -  |   |
| Type Code Symbol Stamp   | V/A  |   |
|  |  |   |
| Certificate of Authorization Number  | Expiration Date  Date 5/16/0               | N/A   |
| Q/Ma   | -/1./                                      | _   |
| Signed S/Www   | Date 5/16(0                                | <u>.                                    </u>        |
| Owner or Owner's Designee, Title   |  |   |
|  |  |   |
|  |  |   |
|  |  |   |
|  |  |   |
| Certificate of Inservice In  | snection                                   |   |
| Out million of Importable In   |  |   |
| I, the undersigned, holding a valid commission issued by the Nation  | al Board of Boiler and Pressure V          | essel Inspectors                                    |
|  | yed by HSB-CT                              | of  |
|  | have inspected the co                      |   |
| in this Owner's Report during the period 3/2 2/0 7 to  | <del></del>                                | and state that                                      |
|  |  |   |
| to the best of my knowledge and belief, the Owner has performed examination  |  | uescrided in this                                   |
| Owner's Report in accordance with the requirements of the ASME Code, See   |  | liad assessmin-                                     |
| By signing this certificate neither the Inspector nor his employer make  |  |   |
| the examinations and corrective measures described in this Owner's Report.   | runnermore, neither the inspecto           | r nor his employer                                  |
| shall be liable in any manner for any personal injury or property damage or le   | oss of any king arising from or con        | mected with this                                    |
| inspection.  |  |   |
|  |  |   |
| Commissions  | FA 328                                     | TNA   |
| Musels Commissions Commissions Commissions   | National Board, State, Province, an        | d Endorsements                                      |
| : and the second of the second | avadena soutu, tunu, 1101IIIC, al          |   |
| ĺ  |  |   |
| Date   |  |   |
|  |  |   |
|  |  |   |

| •  |   |                        |           |                            |            | Job Number                     |               |           |       |                                     |
|--|---|------------------------|-----------|----------------------------|------------|--------------------------------|---------------|-----------|-------|-------------------------------------|
|  |   |                        | _         |                            |            | N11-W                          | O020074       | 30        | Sheet | 1 of 2                              |
| 1. Owner   | N   |                        | 2. I      | Plant                      | <b>N</b> 7 | alaan Diant                    |               |           | Unit  |                                     |
|  | Nuclear Operating<br>tess Center Parkwa   |                        | -         |                            |            | uclear Plant<br>95 South FNP 1 |               |           |       |                                     |
| Birmingh   | am, Alabama 3524  | 2                      |           |                            |            | AL 36319                       |               |           | Date  |                                     |
| (as agent  | for Alabama Powe  | r Company)             |           | ·                          |            |                                |               |           | Apri  | 1 20, 2003                          |
| 3. Work Performed By  Type Code Symbol Stamp  N/A  |   |                        |           |                            |            |                                |               |           |       |                                     |
| Name: Southern Nuclear Operating Company Maintenance Department Authorization Number N/A   |   |                        |           |                            |            |                                |               |           |       |                                     |
| Address:   | Joseph M.   | Farley Nuclea          | r Plant   |                            |            | Expiration D                   | ate           | N         | //A   |                                     |
| 4. Identificati  | on Of System  | -                      | Ma        | in Steam Sys               | em         |                                |               |           |       |                                     |
| 5. (a) Applicable Construction Code: See sheet 2, 19 Edition Addenda, Code Case (b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case |   |                        |           |                            |            |                                |               |           |       |                                     |
| 6. Identification  | n Of Components   | Repaired Or            | Replace   | d and Replac               | ement      | Components:                    |               | _         |       |                                     |
| Name Of<br>Component   | Name Of<br>Manufacturer   | Manufact<br>Serial Nui |           | National ,<br>Board<br>No. | Id         | Other<br>entification          | Year<br>Built |           |       | ASME<br>Code<br>Stamped<br>(Yes/No) |
| Load Stud Nut  | IIT Grinnell  | L1240                  |           | N/A                        | P          | .O. QP1547                     | 1987          | 987 Repla |       | No                                  |
| Tubing Cylinder  | ITT Grinnell  | Unknow                 | n         | N/A                        | P          | .O. QP0507                     | 1986          | Rep       | aced  | No                                  |
| Piston Rod<br>Assembly   | ITT Grinnell  | Piston - D<br>Rod - B  |           | N/A                        | P.         | .O. QP5011                     | 1990          | Repi      | laced | No                                  |
| Load Stud Nut  | ITT Grinnell  | L1240                  |           | NY/A                       |            | .O. QP1547                     | 1987          | Pania     |       | No.                                 |
| Load Stud Nut  | 11 1 Grumen   | L1240                  |           | N/A                        | F.         | .U. QF1347                     | 1567          | - Kepia   | ement | No                                  |
| Tubing Cylinder  | ITT Grinnell  | Unknow                 | n .       | N/A                        | P.         | .O. QP3733                     | 1989          | Replac    | æment | No                                  |
| Piston Rod<br>Assembly   | ITT Grinnell  | Piston - B<br>Rod - B5 |           | N/A                        | P.         | .O. QP1546                     | 1987          | Replac    | ement | No                                  |
|  |   |                        |           |                            |            | <del></del>                    |               |           |       |                                     |
|  |   |                        |           |                            |            | •                              |               |           |       |                                     |
| reinstalled by Will  | Of Work B was removed from this is a second to the second | on. The load st        | ud nut da | maged during r             | emoval     | was replaced wi                |               |           |       |                                     |
| 8. Test Conduc<br>Hydrost<br>Pressure  | tatic Pneumat   | ic Norms               |           | ting Pressure<br>F         | ⊠ n        | one Othe                       | r             |           |       | ·                                   |

Date

RType: L1.52 As Required By The Provisions Of The ASME Code Section XI Job Number Sheet 2 of 2 N11 - WO02007430 Remarks (Applicable Manufacturer's Data Reports To Be Attached) \* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III. Certificate of Compliance We certify that the statements made in this report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement Type Code Symbol Stamp N/A Certificate of Authorization Number Expiration Date Signed Owner or Owner's Designee, Title Certificate of Inservice Inspection I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Grongia and Employed by HSB-CT have inspected the components described HARTFORD COMMETICET in this Owner's Report during the period \_\_\_\_, and state that <u> 3/28/03</u> 5/29/03 to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. Commissions National Board, State, Province, and Endorsements

As Required By The Provisions Of The ASME Code Section XI Job Number Sheet 1 of 2 E13 - WO03002610 2. Plant Unit 1. Owner Southern Nuclear Operating Company Farley Nuclear Plant FNP 1 40 Inverness Center Parkway **Highway 95 South** Birmingham, Alabama 35242 Columbia, Al. 36319 (as agent for Alabama Power Company) April 22, 2003 3. Work Performed By Type Code Symbol Stamp N/A Name: Southern Nuclear Operating Company Maintenance Department Authorization Number N/A Joseph M. Farley Nuclear Plant Address: **Expiration Date** N/A Identification Of System Containment Spray System (a) Applicable Construction Code: See sheet 2, Edition Addenda, Code Case (b) Applicable Section XI Utilized For Repairs Or Replacements, 19 Edition N/A Code Case 89 Addenda, N/A 6. Identification Of Components Repaired Or Replaced and Replacement Components: **ASME** Manufacturer National Name Of Name Of Other Year Repaired Code Replaced Or Manufacturer Serial Number Board Identification Built Component Stamped No. Replacement (Yes / No) P.O. FNP - 222 Hyd. Snubber ITT Grinnell 9879 N/A 1976 Replaced No Load Stud ITT Grinnell Unknown N/A P.O. QP-0507 1986 Replaced No Load Stud Nuts **ITT Grinnell** 34789 N/A P.O. QP-5677 1991 Replaced No **Pivot Pin** ITT Grinnell Unknown N/A P.O. FNP - 222 1976 Replaced No Hyd. Snubber ITT Grinnell 19546 N/A P.O. FNP - 222 1976 Replacement No Load Stud ITT Grinnell Unknown N/A 1987 P.O. QP-1547 Replacement No Load Stud Nuts **ITT Grinnell** Unknown N/A P.O. QP-5677 1991 Replacement No **Pivot Pin** ITT Grinnell 09B N/A 1991 P.O. QP-6268 Replacement No **Description Of Work** Snubber CS-R290A was removed from its support by Alabama Power Company and was replaced with another ITT Grinnell snubber by Alabama Power Company. The load stud, load stud nuts and pivot pin were replaced with approved equals. Ref: MIFs 03037821, 03037835 Test Conducted Hydrostatic Pneumatic Normal Operating Pressure None Other Temperature °F PSI

RType: L1.52

Form NIS-2 Owner's Report For Repairs Or Replacements
As Required By The Provisions Of The ASME Code Section XI

| ratequited of the troubles of the terms over seeming  | Job Number  | T                      |
|---|---|------------------------|
|   |   | Sheet 2 of 2           |
| 9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)  | E13 - WO03002610                                    | Sheet 2 of 2           |
| 2. Atomica desperants and a service of the service of   |   | •                      |
|   |   |                        |
|   |   |                        |
|   | •   |                        |
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|   |   |                        |
|   |   |                        |
| * Pipe hanger was designed to AISC requirements and welded to AWS requirements using n  | naterial traceability requirements of ASME          | Section III.           |
|   |   |                        |
|   |   |                        |
| Certificate of Compli   | ance  |                        |
| We certify that the statements made in this report are correct and this   |   | ns to the rules of the |
| ASME Code, Section XI.  | pair or replacement                                 |                        |
| Type Code Symbol Stamp  |   |                        |
| Certificate of Authorization NumberN/A  | Expiration Date                                     |                        |
| Signed & Mon  | Date _5/16/03                                       |                        |
| Owner or Owner's Designee, Title  |   |                        |
|   |   |                        |
|   |   |                        |
| Certificate of Inservice In   | spection  |                        |
|   | -   |                        |
| I, the undersigned, holding a valid commission issued by the Nation and the State or Province of and Employee   | al Board of Boiler and Pressure Ve<br>yed by 488-67 | essel Inspectors<br>of |
| MARTERED COMMECTICAT  | have inspected the co                               |                        |
| in this Owner's Report during the period 4/22/63 to   |   | , and state that       |
| to the best of my knowledge and belief, the Owner has performed examination   |   | described in this      |
| Owner's Report in accordance with the requirements of the ASME Code, Sec  |   |                        |
| By signing this certificate neither the Inspector nor his employer make<br>the examinations and corrective measures described in this Owner's Report. |   |                        |
| shall be liable in any manner for any personal injury or property damage or ke  |   |                        |
| inspection.   | 22 At any wind anome mom or wil                     | THE WILL               |
|   |   |                        |
| Inspector's Signature Commissions   | -A 326  National Board, State, Province, and        | INA nd Endorsements    |
| <del>Julius 2 monard</del>  |   |                        |
| Date  |   |                        |
|   |   |                        |

| ,   |   |                       |          |                          |        | Job Number            |               | -         |                           |                                     |
|---|---|-----------------------|----------|--------------------------|--------|-----------------------|---------------|-----------|---------------------------|-------------------------------------|
|   |   |                       |          |                          |        | B21 - W               | O020074       | 05        | Sheet                     | 1 of 2                              |
| 1. Owner  | Nuclear Operation                                       | - Compone             | 2. P     |                          | lov Nu | clear Plant           |               | •         | Unit                      |                                     |
|   | Nuclear Operating<br>less Center Parkwa                 |                       |          |                          |        | 95 South FNP 1        |               |           |                           | NP 1                                |
|   | am, Alabama 3524<br>for Alabama Powe                    |                       |          | Col                      | umbia, | a, Al. 36319 Date     |               |           |                           |                                     |
| ,   |   | i Company)            |          |                          |        | ·                     |               |           | Apri                      | 1 18, 2003                          |
| 3. Work Perfo   | rmed By   |                       |          |                          |        | Type Code S           | ymbol St      |           | VA.                       |                                     |
| Name: Southern Nuclear Operating Company Maintenance Department |   |                       |          |                          |        |                       | n Numbe       |           | VA.                       |                                     |
| Address:  | Joseph M.   | Farley Nuclea         | r Plant  |                          | ·      | Expiration D          | ate           | N         | VA                        |                                     |
| 4. Identificati   | on Of System  | <u> </u>              | Steam    | n Generator S            | ystem  |                       |               |           |                           |                                     |
| 5. (a) Applicable Co  | enstruction Code:                                       | See sheet             |          | 19                       | Edit   | ion N/A               |               | lenda, _  | N/A                       | Code Case                           |
| (b) Applicable Se   | cuon XI Utilized For                                    | Repairs Or Rep        | iacement | s, 19 <u>89</u>          | _ East | IOR IVA               | Add           | ienoa, _  | N/A                       | Code Case                           |
| 6. Identification   | n Of Components   | Repaired Or l         | Replace  | d and Replac             | ement  | Components:           |               |           |                           | _                                   |
| Name Of<br>Component  | Name Of<br>Manufacturer                                 | Manufact<br>Serial Nu |          | National<br>Board<br>No. | Id     | Other<br>entification | Year<br>Built | Repla     | aired<br>ced Or<br>cement | ASME<br>Code<br>Stamped<br>(Yes/No) |
| Mech. Snubber   | Pacific Scientific                                      | 37953                 |          | N/A                      | P      | .O. QP1470            | 1987          | Replaced  |                           | No .                                |
|   |   |                       |          |                          |        | ·                     |               |           | _                         |                                     |
| Hyd. Snubber  | Lisega  | 0261551./             | 097      | N/A                      | P.C    | O. QP020655           | 2002          | Replac    | cement                    | No                                  |
|   |   |                       |          |                          |        |                       |               |           |                           |                                     |
|   |   |                       |          |                          |        |                       |               |           |                           |                                     |
|   |   |                       |          |                          |        |                       |               |           |                           |                                     |
| ·   |   |                       |          |                          |        |                       |               |           |                           |                                     |
|   |   |                       |          |                          |        |                       |               |           |                           |                                     |
|   |   |                       |          |                          |        |                       |               |           |                           |                                     |
|   | Of Work<br>was removed from its<br>by Williams Power Co |                       |          |                          |        |                       |               | was repla | ced with                  | a Lisega                            |
| 8. Test Conduc<br>Hydrosi<br>Pressure                           | atic Pneumat  | ic Norma              | -        | -                        | ⊠ n    | one Othe              | r             |           |                           |                                     |

# Form NIS-2 Owner's Report For Repairs Or Replacements RType: L1.52 As Required By The Provisions Of The ASME Code Section XI Job Number B21 - WO02007405 Sheet 2 of 2 Remarks (Applicable Manufacturer's Data Reports To Be Attached) Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III. Certificate of Compliance We certify that the statements made in this report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement Type Code Symbol Stamp N/A Certificate of Authorization Number Expiration Date N/A Signed Owner or Owner's Designee, Title Certificate of Inservice Inspection I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and Employed by MSB-CT have inspected the components described HARTFORD . CONNECTICUT

#### 

5/28/03

Date

|  |   |                             |             |                          |              | Job Number            |               |                  |                           |                                       |
|--|---|-----------------------------|-------------|--------------------------|--------------|-----------------------|---------------|------------------|---------------------------|---------------------------------------|
|  |   |                             | <b>/</b>    |                          |              | E21 - W               | 0020073       | 15               | Sheet                     | 1 of 2                                |
| 1. Owner                               | Nuclear Operation   | e Campany                   | 2. P        |                          | ev No        | clear Plant           |               |                  | Unit                      |                                       |
| 40 Invers                              | iess Ceuter Parkwa  | ay                          |             | Hig                      | hway 9       | 95 South FNP 1        |               |                  |                           | NP 1                                  |
|  | iam, Alabama 3524<br>for Alabama Powe   |                             |             | Coli                     | ımbia,       | , AL 36319 Date       |               |                  |                           |                                       |
|  |   | . Company)                  |             |                          |              |                       |               |                  | Apri                      | 23, 2003                              |
| 3. Work Perfo                          | rmed By<br>outhern Nuclear Ope  |                             | Type Code S | ymbol St                 |              | VA                    |               |                  |                           |                                       |
| Name : <u>50</u>                       | Authorizatio  | n Numbe                     |             | VA.                      |              |                       |               |                  |                           |                                       |
| Address:                               | Joseph M.   | Farley Nuclea               | r Plant     |                          |              | Expiration D          | ate           | N                | VA                        |                                       |
| 4. Identificati                        | on Of System  | Che                         | mical an    | d Volume Co              | ntrol S      | ystem                 |               |                  |                           |                                       |
| 5. (a) Applicable Co (b) Applicable Se | enstruction Code:<br>ction XI Utilized For  | See sheet<br>Repairs Or Rep |             | 19<br>s, 19 <u>89</u>    | Edit<br>Edit | ion N/A               |               | lenda,<br>lenda, | N/A                       | Code Case<br>Code Case                |
| 6. Identification                      | n Of Components   | Repaired Or                 | Replace     | d and Replac             | ement        | Components:           |               |                  |                           | _                                     |
| Name Of<br>Component                   | Name Of<br>Manufacturer   | Manufact<br>Serial Nu       |             | National<br>Board<br>No. | Id           | Other<br>entification | Year<br>Built | Repla            | aired<br>ced Or<br>cement | ASME<br>Code<br>Stamped<br>(Yes / No) |
| Load Stud                              | Pacific Scientific  | Unknown                     |             | N/A                      | Р.           | O. FNP-222            | 1976 Repi     |                  | Replaced N                |                                       |
| Load Stud Nuts                         | Pacific Scientific  | Unknow                      | n           | N/A                      | Р.           | O. FNP-222            | 1976          | Rep              | laced                     | No                                    |
| Load Stud                              | Grinnell  | Unknow                      | n           | N/A                      | P            | .O. QP3129            | 1989          | Replac           | cement                    | No                                    |
| Load Stud Nuts                         | Grinnell  | Unknow                      | n<br>       | N/a                      | P.           | .O. QP3129            | 1989          | Repla            | æment                     | No                                    |
|  |   |                             |             |                          |              |                       |               |                  | <del></del> -             |                                       |
|  |   |                             |             |                          |              |                       |               |                  |                           |                                       |
|  |   |                             |             |                          |              |                       |               |                  |                           |                                       |
|  | Of Work<br>A was removed from it<br>a. The load stud and m  |                             |             |                          |              |                       |               |                  |                           | Williams                              |
| Hydrost                                | 8. Test Conducted  Hydrostatic Pucumatic Normal Operating Pressure None Other  Pressure PSI Temperature F |                             |             |                          |              |                       |               |                  |                           |                                       |

# Form NIS-2 Owner's Report For Repairs Or Replacements As Required By The Provisions Of The ASME Code Section XI

| •   | Job Number   |                                       |
|---|--|---------------------------------------|
|   | E21 - WO02007315   | Sheet 2 of 2                          |
| 9. Remarks (Applicable Manufacturer's Data Reports To Be Attach   | ned)   |                                       |
|   |  |                                       |
|   |  |                                       |
|   |  |                                       |
|   |  |                                       |
|   |  |                                       |
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|   | · · · · · · · · · · · · · · · · · · ·  |                                       |
|   |  |                                       |
|   |  | 1 - 14 1 TVT                          |
| * Pipe hanger was designed to AISC requirements and welded to AWS requirements  | ents using material traceability requirements of ASME 8  | ecuon III.                            |
|   |  | · · · · · · · · · · · · · · · · · · · |
| Certificate of  | Compliance   |                                       |
| We certify that the statements made in this report are correct and this   | •  | s to the rules of the                 |
| ASME Code, Section XI.  | repair or replacement  | s to the fates of the                 |
| Type Code Symbol Stamp  |  |                                       |
|   |  | ٠/۵                                   |
| Signed BMm  | Date S/16/03   |                                       |
| Owner or Owner's Designee, Title  |  |                                       |
|   | The state of the s |                                       |
|   |  |                                       |
| Certificate of Inse   | rvice Inspection   |                                       |
| I, the undersigned, holding a valid commission issued by the  | ne National Board of Roiler and Pressure Ve  | ssel Inspectors                       |
| and the State or Province of Georgia at   | nd Employed by HSB-CT  | of                                    |
| in this Owner's Report during the period 3/28/03  | have inspected the cor   | nponents described, and state that    |
| to the best of my knowledge and belief, the Owner has performed ex  |  |                                       |
| Owner's Report in accordance with the requirements of the ASME  | Code, Section XI.  |                                       |
| By signing this certificate neither the Inspector nor his emplo   |  |                                       |
| the examinations and corrective measures described in this Owner's shall be liable in any manuer for any personal injury or property dark |  |                                       |
| inspection.   | or soon or mil urns minnie nam at pam  |                                       |
| Churches Gland Commission   | ns   | TAIA                                  |
| Inspector's Signature   | ns GA 328<br>National Board, State, Province, and  | 1 Endorsements                        |
|   |  |                                       |
| Date  |  |                                       |
|   |  |                                       |

As Required By The Provisions Of The ASME Code Section XI Job Number Sheet 1 of 2 G24 - WO02007424 2. Plant 1. Owner Farley Nuclear Plant Southern Nuclear Operating Company FNP 1 Highway 95 South 40 Inverness Center Parkway Birmingham, Alabama 35242 Columbia, Al. 36319 (as agent for Alabama Power Company) April 23, 2003 3. Work Performed By Type Code Symbol Stamp N/A Name: Southern Nuclear Operating Company Maintenance Department **Authorization Number** N/A Joseph M. Farley Nuclear Plant Address: **Expiration Date** N/A 4. Identification Of System Steam Generator Blowdown Treatment System 5. (a) Applicable Construction Code: 19 Edition Addenda. Code Case See sheet 2, Edition N/A (b) Applicable Section XI Utilized For Repairs Or Replacements, 19 N/A 89 Addenda, Code Case 6. Identification Of Components Repaired Or Replaced and Replacement Components : ASME Name Of Manufacturer National Name Of Other Year Repaired Code Built Manufacturer Identification Replaced Or Component Serial Number Board Stamped No. Replacement (Yes / No) Mech. Snubber Pacific Scientific 20096 N/A P.O. 38779 1985 Replaced No Load Stud Pacific Scientific Unknown N/A P.O. FNP-222 1975 Replaced No Pacific Scientific Load Stud Nuts Unknown N/A P.O. FNP-222 1975 Replace No Hyd. Snubber 0261551./061 N/A P.O. QP020655 2002 Lisega Replacement No Load Stud Grinnell Unknown N/A P.O. QP3129 1989 Replacement No Load stud Nuts Grinnell Unknown N/A P.O. Qp3129 1989 Replacement No Description Of Work Snubber SS-4587C was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was replaced with a Lisega hydraulic snubber by Williams Power Corporation as part of a scheduled upgrade program. The load stud and load stud nuts damaged during emoval were replaced with approved equals. Ref: MIFs 03034252, 03036073 Test Conducted Pneumatic Normal Operating Pressure None Other Hydrostatic Temperature °F PSI

Form NIS-2 Owner's Report For Repairs Or Replacements RType: L1.52 As Required By The Provisions Of The ASME Code Section XI Job Number Sheet 2 of 2 G24 - WO02007424 Remarks (Applicable Manufacturer's Data Reports To Be Attached) Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III. Certificate of Compliance We certify that the statements made in this report are correct and this replacement conforms to the rules of the ASME Code, Section XI. repair or replacement Type Code Symbol Stamp N/A N/A Expiration Date Certificate of Authorization Number Date 5/16/03 Signed Certificate of Inservice Inspection I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and Employed by MSB-CT in this Owner's Report during the period 3/25/07 to 5/25/03 , and state that have inspected the components described to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. Mispector's Signature

Date 5/28/13 Commissions エルば National Board, State, Province, and Endorsements

|                   |  |                         |            |                 |          | Job Number                            |          |          |                  |                 |
|-------------------|--|-------------------------|------------|-----------------|----------|---------------------------------------|----------|----------|------------------|-----------------|
|                   |  |                         |            |                 |          | E21 - W                               | 00200742 | 20       | Sheet            | 1 of 2          |
| 1. Owner          | N. I. O. I.  |                         | 2. P       | lant            | BY       | -1 DI                                 |          |          | Unit             |                 |
|                   | Nuclear Operating<br>less Center Parkwa  |                         |            |                 |          | clear Plant<br>95 South FNP 1         |          |          |                  | NP 1            |
| Birmingh          | am, Alabama 35 <mark>2</mark> 4  | 2                       |            |                 |          | AL 36319                              |          |          | Date             |                 |
| (as agent         | for Alabama Powe   | r Company)              |            |                 |          |                                       |          |          | Apri             | 23, 2003        |
| 3. Work Perfo     | rmed By  | ·                       |            |                 |          | Type Code S                           | ymbol St |          |                  |                 |
| Mama a G          |  | N/A                     |            |                 |          |                                       |          |          |                  |                 |
| Name : <u>80</u>  | uthern Nuclear Ope   | rating Compan           | y Mainte   | nance peparti   | nent     | Authorization                         | 1 Numbe  | -        | VA.              |                 |
| Address:          | Joseph M.  | Farley Nuclea           | r Plant    |                 |          | Expiration D                          | ate      | N        | //A              |                 |
| 4. Identificati   | on Of System   | Che                     | mical an   | d Volume Co     | ntrol S  | ystem                                 |          |          |                  |                 |
| 5.                |  |                         |            | <del></del>     | -        |                                       |          |          |                  |                 |
| (a) Applicable Co |  | See sheet               |            | 19              | Edit     |                                       |          | lenda, _ | <del></del>      | Code Case       |
| (b) Applicable Se | ction XI Utilized For  | Repairs Or Rep          | lacement   | s, 19 <u>89</u> | Edit     | ion N/A                               | Add      | lenda, _ | N/A              | Code Case       |
| 6. Identification | n Of Components  | Repaired Or             | Replace    | d and Replac    | ement    | Components:                           |          |          |                  |                 |
|                   | ]  |                         | •          | 1               | -        | •                                     | 1        | l        |                  | , ·             |
| Name Of           | Name Of  | Manufact                | urer       | National        |          | Other                                 | Year     | Rep      | aired            | ASME            |
| Component         | Manufacturer   | Serial Nu               | nber       | Board<br>No.    | Id       | entification                          | Built    |          | ced Or<br>cement | Code<br>Stamped |
|                   |  | ·                       |            | 110.            |          | · · · · · · · · · · · · · · · · · · · |          |          |                  | (Yes/No)        |
| Mech. Snubber     | Pacific Scientific   | 15070                   |            | N/A             | P.       | .O. QP1299                            | 1980     | Repl     | laced            | Yes             |
| Bolt              | Unknown  | Unknow                  | n          | N/A             | _        | Unknown                               | UNK      | Repl     | aced             | No              |
| Nut               | Unknown  | Unknow                  | n <u></u>  | N/A             |          | Unknown                               | UNK Rep  |          | aced             | No              |
|                   |  |                         | ,          |                 |          |                                       |          |          |                  |                 |
| Hyd. Snubber      | Lisega   | 0261551./               | 074        | N/A             | P.C      | D. QP020655                           | 2002     | Replac   | ement            | No              |
| Load Stud         | Grinnell   | Unknow                  | n          | N/A             | P.       | .O. QP3129                            | 1989     | Replac   | ement            | No              |
| Load Stud Nuts    | Grinnell   | Unknow                  | n          | N/A             | P.       | .O. QP3129                            | 1989     | Replac   | ement            | No              |
|                   |  |                         |            |                 |          |                                       |          |          |                  |                 |
|                   |  |                         |            |                 |          |                                       |          |          | <del></del>      |                 |
| hydraulic snubber | Of Work<br>was removed from its<br>by Williams Power Co<br>aced with approved eq | orporation as par       | t of a sch | eduled upgrade  |          |                                       |          |          |                  |                 |
| 8. Test Conduc    |  | . 🗇                     |            |                 | <b>Z</b> | . 🗀 .                                 |          |          |                  |                 |
|                   | <del></del>  | ic Norma<br>Cemperature | •          | •               | א וא     | one  Othe                             | •        |          |                  |                 |
|                   | Pressure PSI Temperature °F  |                         |            |                 |          |                                       |          |          |                  |                 |

# Form NIS-2 Owner's Report For Repairs Or Replacements As Required By The Provisions Of The ASME Code Section XI

| •   | Job Number   |                                       |
|---|--|---------------------------------------|
|   | E21 - WO02007420   | Sheet 2 of 2                          |
| 9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)  |  |                                       |
|   | and the second s |                                       |
|   |  |                                       |
|   |  |                                       |
|   |  |                                       |
|   |  | ·                                     |
|   |  |                                       |
|   | ······································   |                                       |
|   |  | 4.00                                  |
| * Pipe hanger was designed to AISC requirements and welded to AWS requirements using 1  | naterial traceability requirements of ASMI   | Section III.                          |
|   |  |                                       |
|   |  |                                       |
| Certificate of Compl  | ance   |                                       |
| We certify that the statements made in this report are correct and this ASME Code, Section XI.  | replacement confor   | ms to the rules of the                |
| Type Code Symbol Stamp  |  |                                       |
| Certificate of Authorization Number N/A   | Expiration Date  | /A                                    |
| Signed BUMNOT   | Date S/15/8  | 3                                     |
| Owner or Owner's Designee, Title  |  | <u> </u>                              |
|   |  | · · · · · · · · · · · · · · · · · · · |
|   |  |                                       |
| Certificate of Inservice I  | spection   |                                       |
| I, the undersigned, holding a valid commission issued by the Nation   |  | · ·                                   |
| and the State or Province of Georgia and Employee   | by days by have inspected the co   | of omponents described                |
| in this Owner's Report during the period  |  | and state that                        |
| to the best of my knowledge and belief, the Owner has performed examination owner's Report in accordance with the requirements of the ASME Code, Se |  | described in this                     |
| By signing this certificate neither the Inspector nor his employer mak  | es any warranty, expressed or imp  |                                       |
| the examinations and corrective measures described in this Owner's Report.  |  |                                       |
| shall be liable in any manner for any personal injury or property damage or l<br>inspection.  | oss of any kind ansing from of co  | miccica with this                     |
| 11 1 01/1   | 784  | <b></b>                               |
| Inspector's Signature  Commissions  Date  Case 128 143  | National Board, State, Province, a   | nd Endorsements                       |
| (   |  |                                       |
| Date <u> </u>   |  |                                       |

RType: L1.52 As required by the provisions of the ASME Code Section XI Job Number E21 - WA675306 Sheet 1 of 2 2. Plant Unit 1. Owner Southern Nuclear Operating Company Farley Nuclear Plant FNP 1 40 Inverness Center Parkway Highway 95 South Birmingham, Alabama 35242 Columbia, Alabama 36319 Date (as agent for Alabama Power Company) January 11, 2002 3. Work performed by Type Code Symbol Stamp Name: Southern Nuclear Operating Company Maintenance Department **Authorization Number** Joseph M. Farley Nuclear Plant Address: **Expiration Date** N/A 4. Identification of System Chemical & Volume Control System 5. (a) Applicable Construction Code: 71 Edition Summer 1971 Addenda, Code Case ASME Section III, (b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Code Case Addenda, 6. Identification of Components Repaired or Replaced and Replacement Components: Manufacturer National Name of Name of Other Year Repaired, **ASME** Component Manufacturer Serial Number Board Identification Built Replaced, or Code No. Replacement Stamped (Yes / No) 2E299-AA N/A P. O. QP-3929 1989 Inboard Seal Pacific Pump Replaced No Housing **Outboard Seal** Pacific Pump 2E299-AC N/A P.O. OP-3929 1989 Replaced No Housing **Inboard Seal Pacific Pump** 2E299-AE N/A P.O. QP-3929 1989 Replacement Housing **Outboard Seal** 2E299-AD N/A 1989 **Pacific Pump** P. O. QP-3929 Replacement No Housing 7. Description of Work As a part of a scheduled maintenance plan, the mechanical seals for Charging Pump Q1E21P0002C were replaced with new seals. The new seals were installed as an assembly in previously refurbished seal housings. Ref: MIF 01053841. 8. Test Conducted Hydrostatic Pneumatic Normal Operating Pressure None Other Pressure \_\_\_\_\_ PSI Temperature \_\_\_\_ °F

| As required by the provisions of the ASME Code Section XI  |   |                       |
|--|---|-----------------------|
|  | Job Number                                    |                       |
| ·  | E21 - WA675306                                | Sheet 2 of 2          |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached) The replaced seal housings were installed under work order 98004763.                        |   |                       |
| The replacement seal housings were removed from Charging Pump Q2E21P0002B under work order   | er 99005644 and refurbished under work        | order 01005747.       |
|  |   |                       |
|  | -   |                       |
|  |   |                       |
|  |   |                       |
|  |   |                       |
|  |   |                       |
| Certificate of Complian  | ice   |                       |
|  | eplacement conforms<br>or replacement         | s to the rules of the |
| Type Code Symbol Stamp N   | N/A   |                       |
| Certificate of Authorization Number N/A  | Expiration Date                               | N/A                   |
| Signed BMm Maintenance Mar   | mager Date                                    | ,                     |
| Owner or Owner's Designee, Title   |   |                       |
|  | **************************************        |                       |
| Certificate of Inservice Insp  | pection                                       | İ                     |
| I, the undersigned, holding a valid commission issued by the National Board of or Province of and employed by  |   |                       |
| in this Owner's Report during the period 1/7/02 to   | have inspected the com                        |                       |
| to the best of my knowledge and belief, the Owner has performed examinations Owner's Report in accordance with the requirements of the ASME Code, Section      | on XI.  | lescribed in this     |
| By signing this certificate neither the Inspector nor his employer makes any war examinations and corrective measures described in this Owner's Report. Furthe | rranty, expressed or implied, cond            |                       |
| be liable in any manner for any personal injury or property damage or loss of an inspection.   |   |                       |
| Murely & Ward Commissions 64   | 72 <i>5</i>                                   | ENA                   |
| Just Library Commissions 64  | 325 Z<br>National Board, State, Province, and | d Endorsements        |
| Date   |   |                       |

|                       | ne Provisions Of The                         | WOINTE CORE 2                         | CCUOII A   | 1               |                 |                                |                    |             |              |                 |
|-----------------------|--|---------------------------------------|------------|-----------------|-----------------|--------------------------------|--------------------|-------------|--------------|-----------------|
|                       |  |                                       |            |                 |                 | Job Number                     |                    |             |              |                 |
|                       |  |                                       |            |                 |                 | E21 - W                        | 0020074            | 12          | Sheet        | 1 of 2          |
| 1. Owner              |  |                                       | 2. P       | lant            |                 |                                |                    |             | Unit         |                 |
|                       | Nuclear Operating                            |                                       |            |                 |                 | Vuclear Plant FNP 1            |                    |             |              |                 |
|                       | ess Center Parkwa<br>am, Alabama 3524        | •                                     |            | -               | •               | y 95 South ia, Al. 36319  Date |                    |             |              |                 |
|                       | for Alabama Powe                             |                                       |            | <b>-</b>        |                 | , 0 0                          |                    |             |              |                 |
|                       |  |                                       |            | ·               |                 |                                |                    |             | Apri         | 1 18, 2003      |
| 3. Work Perfor        |  |                                       |            |                 |                 | Type Code S                    | ymbol St           |             | VA.          |                 |
| Name: Son             | uthern Nuclear Ope                           | rating Compan                         | y Mainte   | nance Depart    | nent            | Authorizatio                   | n Numbe            |             | VA           |                 |
| Address :             | Inganh M                                     | Farley Nuclea                         | r Dlant    |                 |                 | 77                             |                    | -           |              |                 |
| Auncss.               | уозери ил.                                   | raricy Nuclea                         | 1 I Iaut   |                 |                 | Expiration D                   | ate                | N           | /A           |                 |
| 4. Identification     | on Of System                                 |                                       | Sofet      | y Injection Sy  | stem            |                                |                    |             |              |                 |
|                       |  |                                       | Date,      | y mjecton by    |                 |                                | <del></del>        | <del></del> |              |                 |
| 5. (a) Applicable Con | nstruction Code:                             | See sheet                             | 2          | 19              | Edit            | ion                            | Ađđ                | lenda.      |              | Code Case       |
|                       | tion XI Utilized For                         |                                       |            |                 | Edit            | ion N/A                        |                    |             | N/A          | Code Case       |
|                       |  |                                       |            | •               |                 |                                |                    |             |              |                 |
| 6. Identification     | Of Components                                | Repaired Or l                         | Replace    | d and Replac    | ement           | Components:                    | }                  |             |              |                 |
| 1                     |  |                                       |            |                 |                 |                                |                    | 1           |              |                 |
| Name Of               | Name Of                                      | Manufact                              | urer       | National        |                 | Other                          | Year               | Rep         | aired        | ASME            |
| Component             | Manufacturer                                 | Serial Nur                            | nber       | Board           | Id              | entification                   | Built              |             | ced Or       | Code<br>Stamped |
|                       |  |                                       | No.        |                 |                 |                                |                    | Repla       | cement       | (Yes/No)        |
| Mech. Snubber         | Pacific Scientific                           | 1939                                  | 1939       |                 | <b>P</b> .      | O. FNP 2-29                    | 1977               | Replaced    |              | No              |
| Bolt (2)              | Unknown                                      | Unknow                                | n          | N/A             |                 | Unknown Unk                    |                    | Replaced    |              | No              |
| Nut (2)               | Unknown                                      | Unknow                                | n)         | N/A             |                 | Unknown Unk                    |                    | Replaced    |              | No              |
|                       |  |                                       |            |                 |                 |                                |                    |             |              |                 |
| Hyd. Snubber          | Lisega                                       | 0261551./                             | 071        | N/A             | P.C             | ). QP020655                    | 2002               | Repla       | ement        | No              |
| Load Stud             | Grinnell                                     | Unknow                                | n          | N/A             | P.              | O. QP3129                      | 1989               | Replac      | ement        | No              |
| Load Stud Nuts        | Grinnell                                     | Unknow                                | Q          | N/A             | P.              | O. QP3129                      | 1989               | Replac      | æment        | No              |
| Pivot Pin             | Pacific Scientific                           | N2561                                 |            | N/A             | P.              | O. QP1536                      | 1987               | Replac      | ement        | No              |
|                       |  |                                       |            |                 |                 |                                |                    |             |              |                 |
| 7. Description C      |  |                                       | _          | _               | ^               |                                |                    | <del></del> |              |                 |
|                       | was removed from its<br>by Williams Power Co |                                       |            |                 |                 |                                |                    |             |              |                 |
| ends were replaced    | with approved load s                         | mporation as par<br>tud, load stud nu | ts and piv | vot pin. Ref: A | µrogra<br>Œs 03 | 1034210, 030360                | u nuis 10th<br>)34 | io scuiti   | iR mic still | MOC! BU DOR!    |
| 8. Test Conduc        | ted  |                                       |            |                 |                 |                                |                    |             |              |                 |
| ∐ Hydrost:            | atic Pneumat                                 | ic Norma                              | l Operat   | ing Pressure    | M 🔀             | one Dthe                       | r                  |             |              |                 |
| Pressure              | PSI 1  | Cemperature _                         | • <u>]</u> | F               |                 |                                |                    |             |              | }               |

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI Job Number Sheet 2 of 2 E21 - WO02007412 Remarks (Applicable Manufacturer's Data Reports To Be Attached) \* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III. Certificate of Compliance We certify that the statements made in this report are correct and this conforms to the rules of the replacement repair or replacement ASME Code, Section XI. Type Code Symbol Stamp Certificate of Authorization Number Expiration Date Signed Owner or Owner's Designee. Title Certificate of Inservice Inspection I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of \_\_\_\_\_\_\_\_ and Employed by 458-67 have inspected the components described HARTFORD, CONVECTICAT , and state that in this Owner's Report during the period 3/28/03 5/27/08 to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. Commissions National Board, State, Province, and Endorsements 5/27/03 Date

|                      |   |                         |                               |  | ĺ            | Job Number              |               |          |                                       |  |
|----------------------|---|-------------------------|-------------------------------|--|--------------|-------------------------|---------------|----------|---------------------------------------|--|
|                      |   |                         |                               |  |              | E21 - W(                | 0020073       | 16       | Sheet                                 | 1 of 2                                 |
| 1. Owner             |   |                         | 2. P                          | lant   |              |                         |               |          | Unit                                  |  |
|                      | Nuclear Operating<br>less Center Parkwa           |                         |                               |  |              | clear Plant<br>95 South |               |          | F                                     | NP 1                                   |
| Birmingh             | am, Alabama 3524                                  | 12                      |                               |  |              | AL 36319                |               |          | Date                                  | ······································ |
| (as agent            | for Alabama Powe                                  | r Company)              |                               |  |              |                         |               |          | April                                 | 23, 2003                               |
| 3. Work Perfo        | 3. Work Performed By Type Code Symbol Stamp       |                         |                               |  |              |                         |               |          |                                       |  |
| 1                    | •   |                         |                               | <b>.</b> .                                     |              |                         |               |          | VA.                                   |  |
| Name: So             | uthern Nuclear Ope                                | rating Company          | v Muinte                      | nance Depart                                   | ment         | Authorization           | n Numbe       |          |                                       |  |
|                      |   |                         |                               |  |              |                         |               |          | /A                                    |  |
| Address:             | Joseph M.   | Farley Nuclear          | r Plant                       |  |              | Expiration D            | ate           | N        | /A                                    |  |
|                      | 000   |                         | ·                             |  |              |                         |               | *        | /A                                    | <u>=</u>                               |
| 4. Identificati      | on Of System                                      | Cher                    | nical an                      | d Volume Co                                    | ntrol S      | vstem                   |               |          |                                       | ,                                      |
| 5,                   |   |                         |                               |  |              | /                       |               |          | ··· -· <del>.</del>                   |  |
| (a) Applicable Co    |   | See sheet               |                               | 19   | Edit         |                         |               | lenda,   |                                       | Code Case                              |
| (b) Applicable Se    | ction XI Utilized For                             | Repairs Or Repl         | acement                       | s, 19 <u>89</u>                                | Edit         | ion N/A                 | Add           | lenda, _ | N/A                                   | Code Case                              |
| 6 Identification     | of Company  | Desciond On T           | ما دين ا                      | l and Duulaa                                   |              | Componente              |               |          |                                       |  |
| o. Identification    | n Of Components                                   | Repaired Or r<br>i      | Ceptace                       | u anu Kepine<br>i                              | ement        | Components:             | 1             | 1        |                                       |  |
| Name Of              | NT COC  | 14 f                    |                               | Nedianal                                       |              | Other                   | Vaan          | Dom      | المساء                                | ASME                                   |
| Name Of<br>Component | Name Of<br>Manufacturer                           | Manufactu<br>Serial Nun |                               | National<br>Board                              | Id           | Other entification      | Year<br>Built |          | aired<br>ced Or                       | Code                                   |
|                      |   |                         |                               | No.  |              |                         | Repla         |          | cement                                | Stamped<br>(Yes / No)                  |
| Lond Stud            | Pacific Scientific                                | Unknow                  | Unknown N/A P.O. FNP-222 1975 |  |              |                         |               |          |                                       | No                                     |
|                      |   | 7.3.0                   | ·<br>                         |  |              |                         |               |          |                                       |  |
| Load Stud Nuts       | Pacific Scientific                                | Unknown                 | 1                             | N/A  | P.           | O. FNP-222              | 1975          | Rep      | laced                                 | No                                     |
|                      |   |                         |                               |  |              |                         |               |          |                                       |  |
|                      |   |                         |                               |  |              |                         |               |          |                                       |  |
| Load Stud            | Pacific Scientific                                | Unknown                 |                               | N/A  | D            | .O. QP3129              | 1989          | Penla    | ement                                 | No                                     |
| 2200 500             | Tachic Scientific                                 | Oligionia               | ·                             | WA   | •            |                         | 1505          | - Acpia  |                                       |  |
| Load Stud Nuts       | Pacific Scientific                                | Unknow                  |                               | N/a  | Ρ.           | .O. QP3129              | 1989          | Repla    | ement                                 | No                                     |
|                      |   |                         |                               |  |              |                         |               |          |                                       |  |
|                      |   |                         |                               |  |              |                         |               |          |                                       |  |
|                      | <del>                                      </del> | <del></del>             |                               |  |              |                         |               | !        |                                       |  |
|                      |   |                         |                               |  |              |                         |               |          |                                       |  |
|                      |   |                         |                               |  |              |                         |               |          |                                       | :                                      |
|                      |   |                         |                               |  | <del> </del> |                         |               |          |                                       |  |
|                      |   |                         | •                             |  |              |                         |               |          |                                       |  |
| 7. Description       |   | <u> </u>                | <del></del>                   | <u>'                                      </u> | <del></del>  |                         |               |          |                                       |  |
|                      | was removed from it<br>i. The load stud and in    |                         |                               |  |              |                         |               |          |                                       | Williams                               |
| - Lond Corporador    | i. sie som sidd ald il                            | ara mere aminiker       | - ammg                        | ichiovai aliu iej                              | naccu l      | urar ahbrosen edi       |               | 14TT. 03 |                                       |  |
| 8. Test Conduc       |   |                         | <del></del>                   |  | ~            |                         |               |          | · · · · · · · · · · · · · · · · · · · |  |
| Hydrosi              |   | _                       | _                             | _  | N            | one Other               | r             |          |                                       |  |
| Pressur              | e PSi   | Temperature _           |                               | F  |              |                         |               |          |                                       |  |
|                      | <del> </del>                                      |                         |                               |  |              |                         |               |          |                                       |  |

# Form NIS-2 Owner's Report For Repairs Or Replacements As Required By The Provisions Of The ASME Code Section XI

| As kequired by the Provisions Of the ASME Code Section At                                   |   |                        |
|---|---|------------------------|
|   | Job Number                              |                        |
|   | F11 W001007216                          | Sheet 2 of 2           |
| 9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)                          | E21 - WO02007316                        | Buch 2 of 2            |
| y. Atomatas (Applicante nandumerator a sam atoporta 24 se Anactica)                         |   |                        |
|   |   | <del></del>            |
|   | •                                       |                        |
|   |   | ····                   |
|   |   |                        |
|   |   | - <del></del>          |
|   |   |                        |
|   | <u> </u>                                |                        |
|   |   |                        |
|   |   |                        |
|   |   |                        |
|   |   |                        |
| Pipe hanger was designed to AISC requirements and welded to AWS requirements using mat      | erial traceshility requirements of ACME | Section III            |
| who manked was seen these to trans and antiments and action to the sedementers seem that    | tiza saccarmy requirements of results   | Jeenou III.            |
|   |   |                        |
|   |   | ```                    |
| Certificate of Complia  | nce                                     |                        |
| •   |   |                        |
| We certify that the statements made in this report are correct and this                     |   | as to the rules of the |
| ASME Code, Section XI.  | ir or replacement                       |                        |
| Type Code Symbol Stamp  | la                                      |                        |
|   |   |                        |
| Certificate of Authorization Number N/A   | Expiration Date                         | <i>P</i>               |
| Signed /S/Www   | Date 5/16/3                             |                        |
| Owner or Owner's Designee, Title  |   |                        |
|   |   |                        |
|   | ,                                       |                        |
|   |   | <del>,</del>           |
| Certificate of Inservice Ins  | nection                                 |                        |
|   |   |                        |
| I, the undersigned, holding a valid commission issued by the National                       |   | _                      |
| and the State or Province of Georgia and Employ   |   | of                     |
| in this Owner's Report during the period 3/28/03 to   | have inspected the con                  | and state that         |
| to the best of my knowledge and belief, the Owner has performed examination                 | s and taken corrective measures of      |                        |
| Owner's Report in accordance with the requirements of the ASME Code, Secti                  | on XI.                                  |                        |
| By signing this certificate neither the Inspector nor his employer makes                    | any warranty, expressed or impl         | ied, concerning        |
| the examinations and corrective measures described in this Owner's Report. I                |   |                        |
| shall be liable in any manner for any personal injury or property damage or los inspection. | on any and ansing from or con           | nected with this       |
|   |   |                        |
| Commissions   | A 328 .                                 | TAIA                   |
| Inspector's Signature Commissions   | National Board, State, Province, an     | d Endorsements         |
| :   |   |                        |
| Date 5/27/03  |   |                        |
|   |   |                        |
|   |   |                        |

RType: L1.52

As required by the provisions of the ASME Code Section XI Job Number G24 - WO03002495 Sheet 1 of 2 2. Plant 1. Owner Southern Nuclear Operating Company Farley Nuclear Plant FNP 1 Highway 95 South 40 Inverness Center Parkway Columbia, Alabama 36319 Birmingham, Alabama 35242 Date (as agent for Alabama Power Company) April 20, 2003 3. Work performed by Type Code Symbol Stamp Name: Southern Nuclear Operating Company Maintenance Department Authorization Number N/A Joseph M. Farley Nuclear Plant Address: **Expiration Date** N/A 4. Identification of System Steam Generator Blowdown System (a) Applicable Construction Code: ASME Section III, 19 71 **Edition** Winter 1972 Addenda. N/A Code Case (b) Applicable Section XI Utilized For Repairs Or Replacements, NA NA 19 89 Edition Addenda. Code Case 6. Identification of Components Repaired or Replaced and Replacement Components: Manufacturer National Other Name of Name of Year Repaired. **ASME** Identification Component Manufacturer Serial Number Board Built Replaced, or Code No. Replacement Stamped (Yes/No) Stud (2) Texas Bolt Company **RR43** NA 1973 Replaced Daniel Construction Co. No P. O. 7047-Q-62015 Nut (4) Texas Bolt Company RR66 N/A Daniel Construction Co. 1973 Replaced No P. O. 7047-Q-62015 Stud (2) Texas Bolt Company 6096034 N/A P. O. OP000766 1997 Replacement No 1258911 N/A P.O. QP000448 1992 Nut (4) **Texas Bolt Company** Replacement No 7. Description of Work During removal of the Steam Generator Blowdown piping upper spoolpiece on the 1C Steam Generator, two (2) studs and four (4) nuts galled and were replaced with new parts. Ref: MIF 03037385. 8. Test Conducted Pneumatic Normal Operating Pressure None Other Hydrostatic Pressure Temperature °F

RType: L1.52

As required by the provisions of the ASME Code Section XI Job Number Sheet 2 of 2 G24 - WO03002495 9. Remarks (Applicable Manufacturer's Data Reports to be attached) **Certificate of Compliance** We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement ASME Code, Section XI. Type Code Symbol Stamp Certificate of Authorization Number N/A Expiration Date RMm-Maintenance Manager Date Signed Owner or Owner's Designee, Title **Certificate of Inservice Inspection** I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by MSB-CT HARTKERD, COMMETICUT have inspected the components described 5/12/07 , and state that in this Owner's Report during the period 4/18/03 to to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. Therefore Signature Commissions GA 328 National Board, State, Province, and Endorsements Date <u>5/12/03</u>

Form NIS-2 Owner's Report For Repairs Or Replacements RType: L1.52 As Required By The Provisions Of The ASME Code Section XI Job Number Sheet 1 of 2 B21 - WO02007407 2. Plant 1. Owner Unit Southern Nuclear Operating Company Farley Nuclear Plant FNP 1 40 Inverness Center Parkway Highway 95 South Columbia, Al. 36319 Birmingham, Alabama 35242 Date (as agent for Alabama Power Company) April 18, 2003 3. Work Performed By Type Code Symbol Stamp N/A Name: Southern Nuclear Operating Company Maintenance Department **Authorization Number** N/A Joseph M. Farley Nuclear Plant Address: Expiration Date NA 4. Identification Of System Steam Generator System Addenda, (a) Applicable Construction Code: Edition Code Case 19 See sheet 2, (b) Applicable Section XI Utilized For Repairs Or Replacements 19 89 Edition N/A Addenda, N/A Code Case 6. Identification Of Components Repaired Or Replaced and Replacement Components: **ASME** Name Of Name Of Manufacturer National Other Year Repaired Code Component Manufacturer Board Identification Built Replaced Or Serial Number Stamped No. Replacement (Yes/No) Mech. Snubber Pacific Scientific 1987 37971 N/A P.O. QP1470 Replaced No Hyd. Snubber N/A 2002 Lisega 0261551./062 P.O. QP020655 Replacement No 7. Description Of Work Snubber FT-436A was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was replaced with a Lisega hydraulic snubber by Williams Power Corporation as part of a scheduled upgrade program. Ref. MIF 03034219 Test Conducted Hydrostatic Pneumatic Normal Operating Pressure None Other PSI Temperature \_\_ °F

| As Required By The Provisions Of The ASME Code Section XI   |                     |  |  |
|---|---------------------|--|--|
|   |                     | Job Number                               |  |
|   |                     | B21 - WO02007407                         | Sheet 2 of 2                           |
| 9. Remarks (Applicable Manufacturer's Data Reports To Be A  | ttached)            |  | <u></u>                                |
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|   |                     |  |  |
| * Pipe hanger was designed to AISC requirements and welded to AWS requi   | irements using mate | rial traceability requirements of AS     | ME Section III.                        |
|   |                     |  |  |
|   |                     |  | ······································ |
| Certificate   | of Complian         | ıce                                      |  |
|   | -                   |  |  |
| We certify that the statements made in this report are correct and this ASME Code, Section XI.                                |                     | replacement con                          | forms to the rules of the              |
| ASIME Code, Section AL  | repar               | or repracement                           |  |
| Type Code Symbol Stamp  | <b>.</b>            | ι/A                                      |  |
| Certificate of Authorization Number   |                     | Expiration Date                          | \                                      |
| alm.  | ·                   | =/=/                                     | _N/A                                   |
| Signed Owner or Owner's Designee, Ti  |                     | Date                                     | ٠ ٤                                    |
| Owner of Owner & Designer, 11   | iuc                 |  |  |
|   |                     |  |  |
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| Certificate of L  | ncarvice Incr       | ection                                   |  |
| Certificate of I  | uservice mist       | ection                                   |  |
| I, the undersigned, holding a valid commission issued t   |                     |  | -                                      |
| and the State or Province of Georgia  | _ and Employe       | d by <u>HSB-CT</u>                       | of components described                |
| in this Owner's Report during the period 3/26/63  | to                  |  | •                                      |
| to the best of my knowledge and belief, the Owner has performe  |                     | and taken corrective measur              | res described in this                  |
| Owner's Report in accordance with the requirements of the ASM<br>By signing this certificate neither the Inspector nor his en |                     |  | muliad concerning                      |
| the examinations and corrective measures described in this Own  |                     |  |  |
| shall be liable in any manner for any personal injury or property   |                     |  |  |
| inspection.   |                     |  |  |
| 4/1/1   |                     |  | ا ا                                    |
| Michael Commi   |                     | 4 328<br>National Board, State, Province | e and Endorsements                     |
| Inspector's Signature  Date 5/13/23   | •                   | runoum Dome, Dane, 11011110              | mu Lasterousillis                      |
| Date _5/13/13   |                     |  |  |
|   |                     |  |  |

RType: L1.52

As required by the provisions of the ASME Code Section XI Job Number E21 - WO01008886 Sheet 1 of 2 2. Plant Unit 1. Owner Southern Nuclear Operating Company Farley Nuclear Plant FNP 1 Highway 95 South 40 Inverness Center Parkway Birmingham, Alabama 35242 Columbia, Alabama 36319 Date (as agent for Alabama Power Company) April 29, 2003 3. Work performed by Type Code Symbol Stamp Name: Southern Nuclear Operating Company Maintenance Department Authorization Number N/A Address: Joseph M. Farley Nuclear Plant **Expiration Date** N/A 4. Identification of System Chemical & Volume Control System 5. Winter 1970 (a) Applicable Construction Code: 19 68 Edition Addenda. N/A Code Case ASME Section III, (b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition Addenda. N/A Code Case 6. Identification of Components Repaired or Replaced and Replacement Components: Name of Manufacturer National Other **ASME** Name of Year Repaired. Manufacturer Serial Number Identification Built Component Board Replaced, or Code No. Replacement Stamped (Yes/No) Copes-Vulcan 815892 N/A P. O. FNP-2 1972 Replaced Plug No Copes-Vulcan 7621-96166-8 N/A P.O. FNP-1893 1977 Replacement Yes Plug 7. Description of Work During an attempt to replace the diaphragm for another valve, the system could not be isolated due to Letdown High Temperature Divert Valve Q1E21V0353 leaking past the seat. The valve was disassembled and the upper seat o-ring was found to be in several pieces. The decision was nade to replace the plug assembly (plug, stem, cage, upper & lower seats). Ref: MIF 03036815. 8. Test Conducted Pneumatic Normal Operating Pressure None Other Hydrostatic PSI Temperature \_\_\_\_ °F

RType: L1.52

As required by the provisions of the ASME Code Section XI Job Number E21 - WO01008886 Sheet 2 of 2 9. Remarks (Applicable Manufacturer's Data Reports to be attached) **Certificate of Compliance** We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement ASME Code, Section XI. Type Code Symbol Stamp Certificate of Authorization Number N/A Expiration Date Maintenance Manager Date 6/27/23 Signed Owner or Owner's Designee, Title **Certificate of Inservice Inspection** I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSB-CT MARTECRA, CONNECTICUT have inspected the components described 4/14/03 to in this Owner's Report during the period , and state that 7/1/03 to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. Commissions National Board, State, Province, and Endorsements

As required by the provisions of the ASME Code Section XI Job Number E21 - WO01008264 Sheet 1 of 2 2. Plant Unit 1. Owner Farley Nuclear Plant Southern Nuclear Operating Company FNP 1 Highway 95 South **40 Inverness Center Parkway** Columbia, Alabama 36319 Birmingham, Alabama 35242 (as agent for Alabama Power Company) April 29, 2003 3. Work performed by Type Code Symbol Stamp Name: Southern Nuclear Operating Company Maintenance Department **Authorization Number** N/A Address: Joseph M. Farley Nuclear Plant **Expiration Date** N/A 4. Identification of System Chemical & Volume Control System 5. 19 (a) Applicable Construction Code: 74 Edition Summer 1975 Addenda. N/A Code Case ASME Section III, (b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case 6. Identification of Components Repaired or Replaced and Replacement Components: Name of Name of Manufacturer National Other **ASME** Year Repaired, Identification Component Manufacturer Serial Number Board Built Replaced, or Code No. Replacement Stamped (Yes / No) Bonnet Velan 1A5 N/A P. O. QP-6542 1992 Replaced No Disc Velan 35L N/A P. O. QP-6542 1992 Replaced **Bonnet** Velan 931 N/A P. O. QP020446 2003 Replacement Yes 2003 Disc Velan 930 N/A P. O. QP020446 Replacement Yes 7. Description of Work Charging Flow Regulating Valve (FCV0122) Bypass Valve Q1E21V0135 was reported to be leaking by the seat. The valve was disassembled and inspected and the disc was found to be cut and pitted beyond repair. A new bonnet and disc was installed in the valve as part of a new bellows ssembly. Ref: MIF 03036167. 8. Test Conducted Pneumatic Normal Operating Pressure None Other Hydrostatic \_\_\_\_ PSI Temperature \_\_\_\_ °F

Form NIS-2 Owner's Report for Repairs or Replacements RType: L1.52 As required by the provisions of the ASME Code Section XI Job Number Sheet 2 of 2 E21 - WO01008264 9. Remarks (Applicable Manufacturer's Data Reports to be attached) The new bonnet was seal welded to the body after installation **Certificate of Compliance** We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement ASME Code, Section XI. Type Code Symbol Stamp Certificate of Authorization Number N/A Expiration Date N/A Maintenance Manager Date 6-17-63 Signed Owner or Owner's Designee, Title **Certificate of Inservice Inspection** I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HEB-CT HARTFORD CONNECTICAT have inspected the components described 4/13/03 to 6/18/c3, and state that in this Owner's Report during the period to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. Commissions National Board, State, Province, and Endorsements

S031002

#### FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL **NUCLEAR PARTS AND APPURTENANCES\***

As Required by the Provisions of the ASME Code, Section III Not to Exceed One Day's Production

Pg. 1 of 2

| 1. Manufactured and certified by VELAN INC., 2125 WARD AVE., MONTREAL., QUEBEC, CANADA H4M 1T6                      |                                  |                          |             |                     |          |  |  |  |
|---|----------------------------------|--------------------------|-------------|---------------------|----------|--|--|--|
| 2. Manufactured for ALABAMA POWER COMPANY, SOUTHERN NUCLEAR OPER. CO. BIRMINGHAM, AL                                |                                  |                          |             |                     |          |  |  |  |
| 3. Location of installation FARLEY NUCLEAR PLANT - HWY 9  |                                  |                          |             |                     |          |  |  |  |
| 4. Type: P1-77099-N-1, REV. D UNS N99644, ALLOY 40 N/A N/A 2003   |                                  |                          |             |                     |          |  |  |  |
| 5. ASME Code, Section III, Division 1: 1974 SUMMER 1975 2 N/A (edition) (edition) (edition) (class) (Code Case no.) |                                  |                          |             |                     |          |  |  |  |
| 6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision N/A Date N/A                               |                                  |                          |             |                     |          |  |  |  |
| 7. Remarks: DISC FOR BELLO  | OWS ASSEMBLY 2" - W08-4096       | S-13AA FOR PO            | 11-229770-N | ITEM#1A             | QTY 1    |  |  |  |
| BONNET FOR BELLOWS ASS  |                                  | FOR P011-229770-N        |             | QTY 1 (ONE)         |          |  |  |  |
| DISC TRACE CODE: 36F AS   | ME SECTION II PART A EDITIO      | N 1986 ADDENDA NON       | E FOR BONN  | ET TRACE: 2CZE      |          |  |  |  |
| 8. Nom. thickness (in.) N/A   | Min. design thickness (in.) N/A  | Dia. ID (ft & in.)       | N/A L       | ength overall (ft & | in.) N/A |  |  |  |
| 9. When applicable, Certificate   | Holders' Data Reports are attach | ed for each item of this | report:     |                     |          |  |  |  |
|   |                                  |                          |             |                     |          |  |  |  |
| Part or appurtenance  | National Board No. in            | Part or appu             | ntenance    | National Bo         |          |  |  |  |
| Serial Number   | Numerical Order                  | Serial N                 | umber       | Numerica            | ll Order |  |  |  |
|   |                                  |                          |             |                     |          |  |  |  |
| (1) 930 - DISC  |                                  | (26)                     |             |                     |          |  |  |  |
| (2) 931 - BONNET (3)  |                                  | (27)                     |             |                     |          |  |  |  |
| (4)   |                                  | (29)                     |             |                     |          |  |  |  |
| (5)   |                                  | (30)                     |             |                     |          |  |  |  |
| (6)   |                                  | (31)                     |             | ļ                   |          |  |  |  |
| (7)<br>(8)  |                                  | (32)                     |             |                     |          |  |  |  |
| (9)   |                                  | (34)                     |             |                     |          |  |  |  |
| (10)  |                                  | (35)                     |             |                     |          |  |  |  |
| (11)<br>(12)  |                                  | (36)                     | ·           |                     |          |  |  |  |
| (13)  |                                  | (38)                     |             |                     |          |  |  |  |
| (14)  |                                  | (38)                     |             |                     |          |  |  |  |
| (15)  |                                  | (40)                     |             |                     |          |  |  |  |
| (16)<br>(17)  |                                  | (41)                     |             |                     |          |  |  |  |
| (18)  |                                  | (42)<br>(43)             |             |                     |          |  |  |  |
| (19)  |                                  | (44)                     |             |                     |          |  |  |  |
| (20)  |                                  | (45)                     |             |                     |          |  |  |  |
| (21)  |                                  | (46)                     |             |                     |          |  |  |  |
| (23)  |                                  | (47)                     |             |                     |          |  |  |  |
| (24)  |                                  | (49)                     |             |                     |          |  |  |  |
| (25)  |                                  | (50)                     |             |                     |          |  |  |  |
|   |                                  | l L                      |             |                     |          |  |  |  |

10. Design pressure N/A psi. Temp. N/A \*F. Hydro test pressure N/A at temp. \*F

\*Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8½ x 11, (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

#### FORM N-2 (Back - Pg. 2 OF 2 )

Certificate Holder's Serial Nos. \_ 930

through 931

**CERTIFICATION OF DESIGN** Design specifications certified by N/A P.E.State N/A Reg.no N/A (when applicable) Design report' certified by N/A P.E.State N/A Regino N/A (when applicable) **CERTIFICATE OF COMPLIANCE** We certify that the statements made in this report are correct and that this (these)DISC & BONNET conforms to the rules of construction of the ASME Code, Section III, Division 1. Expires APRIL 20, 2004 NPT Certificate of Authorization No. N-2798-1 Name VELAN INC. (NPT Certificate Holder) (Authorized Representative) **CERTIFICATE OF INSPECTION** I, the undersigned, holding a valid commission issued by the National Board and Pressure Vessel Inspectors and the State or Province of Quebec and employed by the Province of <u>Quebec</u> have inspected these items described in this Data Report on <u>JAPAO</u>, and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

J. MARCHAND QC # 8714 J. MARCHAND Signed RÉGIE DU PATEMENT DU QUEBEC Commissions [Nat7, Bd. (incl. endorsements) and state or prov. and no.]